

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
 Data File : VU049320.D
 Acq On : 21 Jun 2022 11:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005122

Quant Time: Jun 22 01:44:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 05:20:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	140242	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	129483	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	67873	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46005	3.754	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.912	69	35036	4.223	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.568	65	17686	3.588	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	4.639	46	171739	52.489	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.980%
24) Chloroform-d	5.067	84	91382	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.707	65	49511	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.729	84	166635	4.272	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.690	67	57951	4.377	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.899	98	143634	4.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	8.179	79	22500	3.825	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.600%
46) 2-Hexanone-d5	8.636	63	119712	50.456	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.920%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	50370	4.752	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	59102	4.538	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	60957	5.092	ug/L	99
3) Chloromethane	1.520	50	60521	4.605	ug/L	99
5) Vinyl chloride	1.604	62	61381	5.206	ug/L	95
6) Bromomethane	1.858	94	29544	4.554	ug/L	100
8) Chloroethane	1.935	64	34180	5.008	ug/L	96
9) Trichlorofluoromethane	2.138	101	77426	5.659	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	46063	5.686	ug/L	97
12) 1,1-Dichloroethene	2.581	96	39794	5.046	ug/L	93
13) Acetone	2.652	43	91487	56.496	ug/L	98
14) Carbon disulfide	2.793	76	127095	4.879	ug/L	99
15) Methyl Acetate	2.961	43	22288	5.146	ug/L	98
16) Methylene chloride	3.047	84	54777	5.280	ug/L	96
17) Methyl tert-butyl Ether	3.366	73	112754	4.727	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	44056	5.043	ug/L	96
19) 1,1-Dichloroethane	3.871	63	88537	5.139	ug/L	98
21) 2-Butanone	4.716	43	155464	50.347	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	49862	5.103	ug/L	96
23) Bromochloromethane	4.977	128	21661	5.178	ug/L	99
25) Chloroform	5.089	83	89312	5.165	ug/L	99

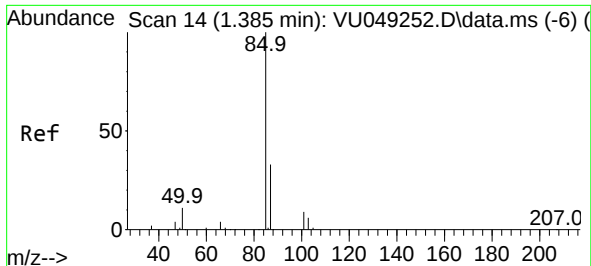
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
 Data File : VU049320.D
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTD005122

Quant Time: Jun 22 01:44:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 05:20:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	57152	5.018	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	77339	4.998	ug/L	99
30) Cyclohexane	5.388	56	83866	4.768	ug/L	98
31) Carbon tetrachloride	5.526	117	65691	5.070	ug/L	99
33) Benzene	5.774	78	195949	5.086	ug/L	100
34) Trichloroethene	6.542	95	50418	5.119	ug/L	98
35) Methylcyclohexane	6.764	83	83204	5.037	ug/L	99
37) 1,2-Dichloropropane	6.793	63	53763	5.078	ug/L	99
38) Bromodichloromethane	7.105	83	65935	5.095	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	74179	4.610	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	369925	47.032	ug/L	99
42) Toluene	7.970	91	208664	5.107	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	64207	4.594	ug/L	95
45) 1,1,2-Trichloroethane	8.401	97	36376	4.929	ug/L	96
47) Tetrachloroethene	8.552	164	37189	5.476	ug/L	97
48) 2-Hexanone	8.687	43	275379	49.052	ug/L	99
49) Dibromochloromethane	8.812	129	42461	5.043	ug/L	91
50) 1,2-Dibromoethane	8.925	107	34010	4.971	ug/L	93
51) Chlorobenzene	9.446	112	128782	5.177	ug/L	99
52) Ethylbenzene	9.571	91	224262	5.026	ug/L	99
53) m,p-Xylene	9.693	106	84162	5.075	ug/L	99
54) o-Xylene	10.099	106	82230	5.001	ug/L	98
55) Styrene	10.115	104	137252	4.984	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	48182	4.933	ug/L	99
59) Bromoform	10.292	173	23440	4.598	ug/L	97
60) Isopropylbenzene	10.484	105	220443	4.768	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	34924	4.586	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	188288	4.614	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	184995	4.576	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	100811	5.095	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	99915	5.109	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	95037	5.048	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	8197	3.949	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	77273	5.208	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	66418	5.631	ug/L	97
71) Naphthalene	14.086	128	127972	5.460	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	59962	5.407	ug/L	97

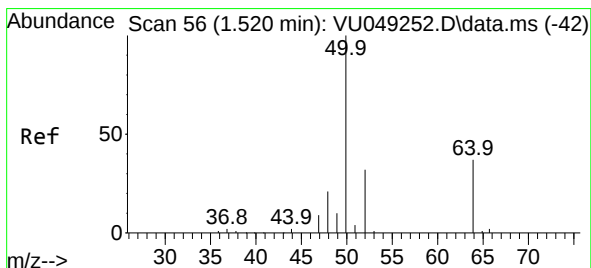
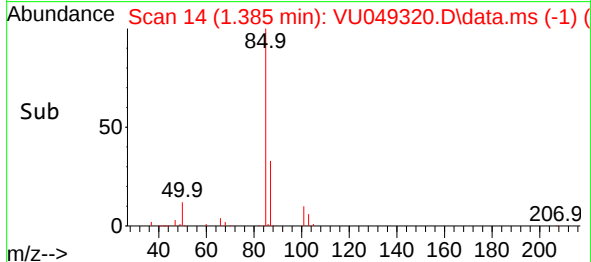
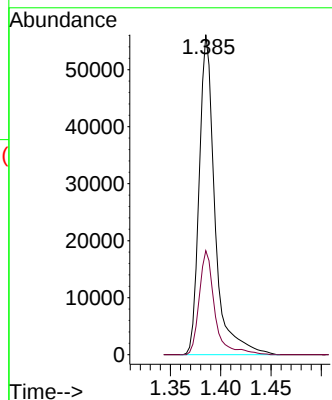
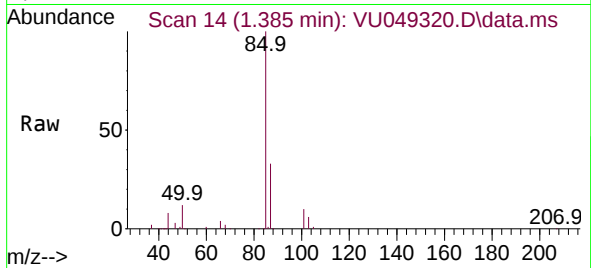
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#2
Dichlorodifluoromethane
Concen: 5.092 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

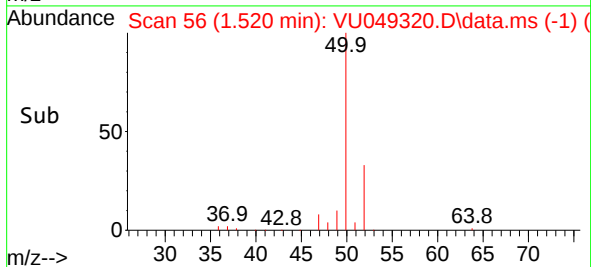
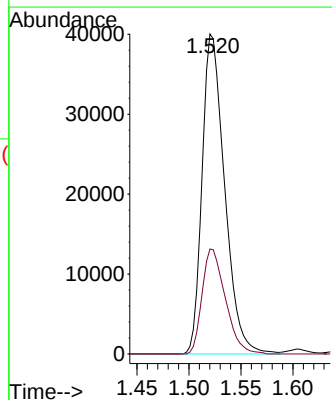
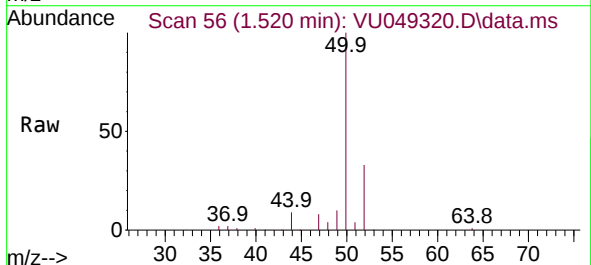
Instrument :
MSVOA_U
ClientSampleId :
VSTD005122

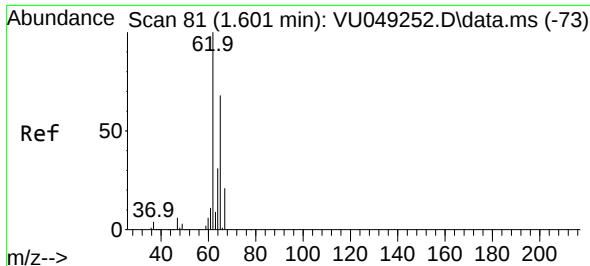
Tgt Ion: 85 Resp: 60957
Ion Ratio Lower Upper
85 100
87 32.2 25.5 38.3



#3
Chloromethane
Concen: 4.605 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

Tgt Ion: 50 Resp: 60521
Ion Ratio Lower Upper
50 100
52 32.8 22.7 42.1

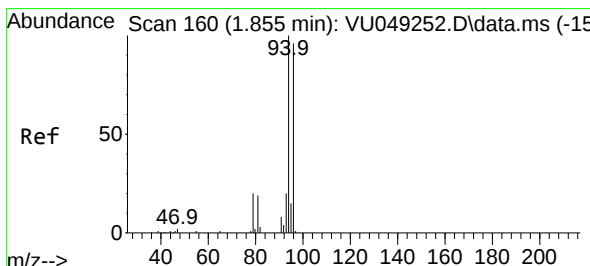
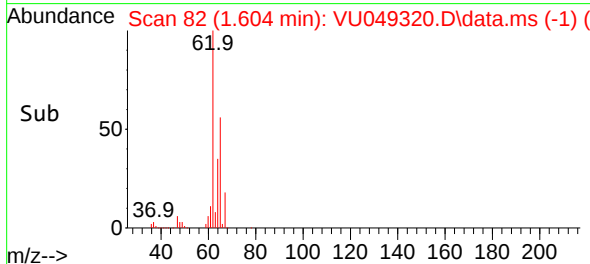
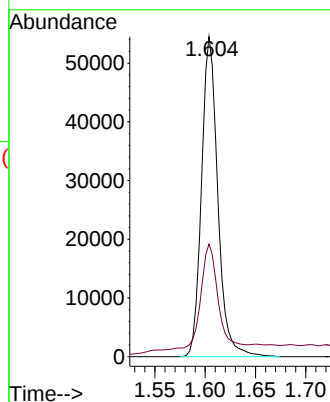
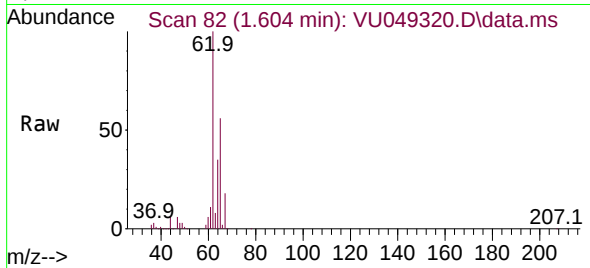




#5
 Vinyl chloride
 Concen: 5.206 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU049320.D
 Acq: 21 Jun 2022 11:41

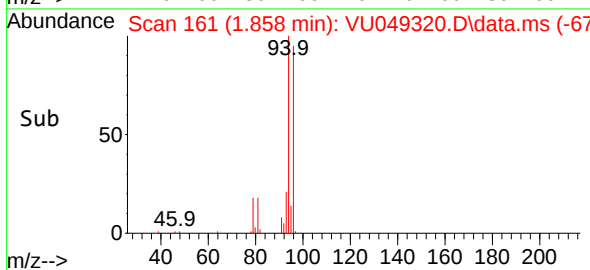
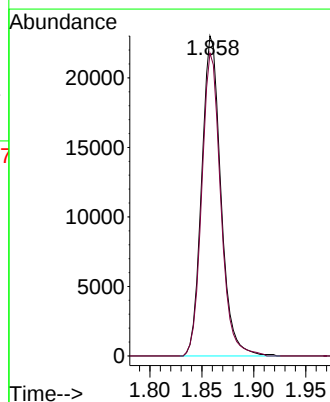
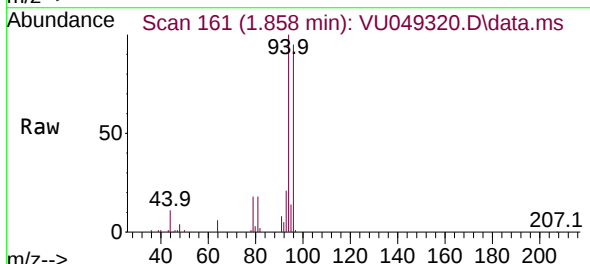
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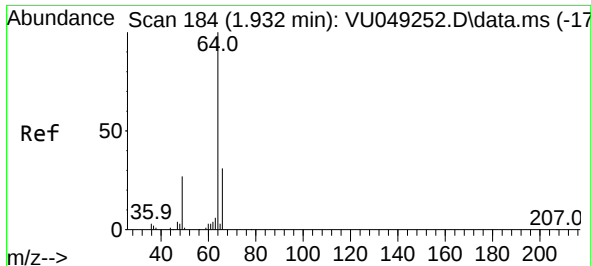
Tgt Ion: 62 Resp: 61381
 Ion Ratio Lower Upper
 62 100
 64 35.2 22.8 42.4



#6
 Bromomethane
 Concen: 4.554 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.003 min
 Lab File: VU049320.D
 Acq: 21 Jun 2022 11:41

Tgt Ion: 94 Resp: 29544
 Ion Ratio Lower Upper
 94 100
 96 94.6 66.4 123.4

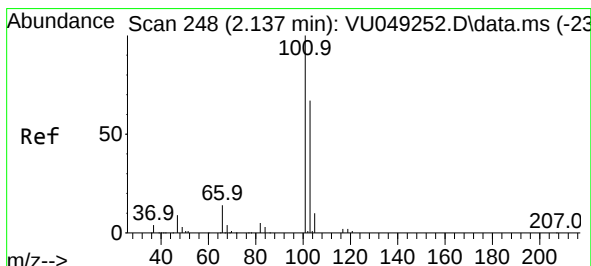
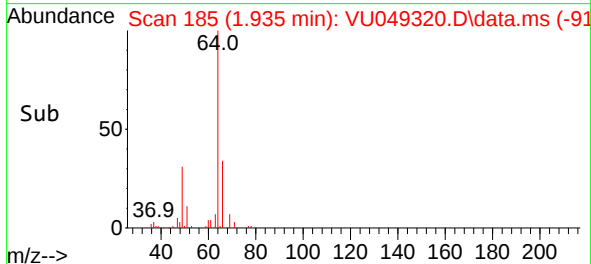
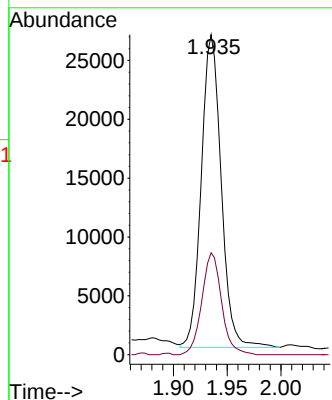
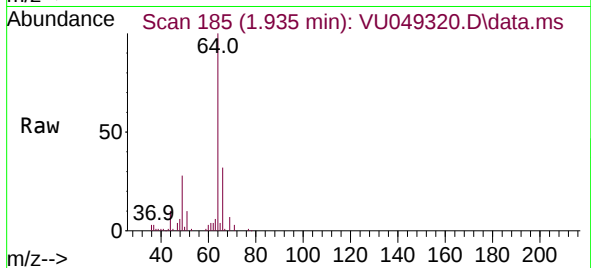




#8
Chloroethane
Concen: 5.008 ug/L
RT: 1.935 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

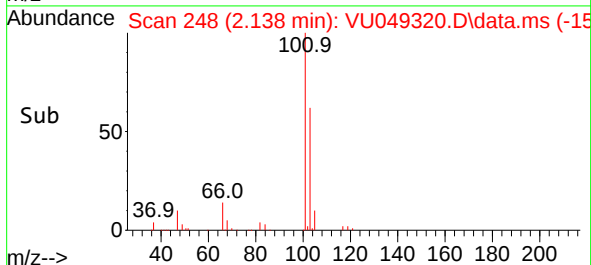
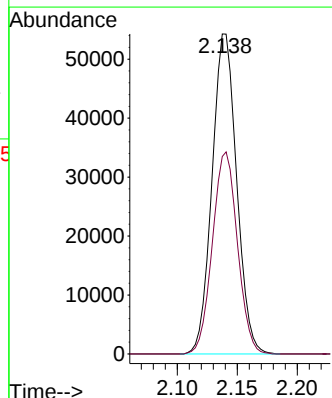
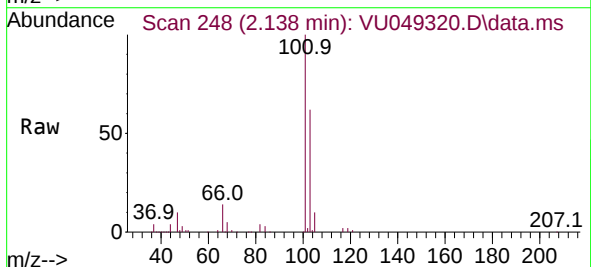
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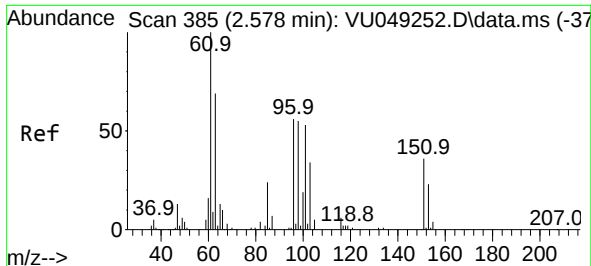
Tgt Ion: 64 Resp: 34180
Ion Ratio Lower Upper
64 100
66 31.8 20.9 38.9



#9
Trichlorofluoromethane
Concen: 5.659 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

Tgt Ion: 101 Resp: 77426
Ion Ratio Lower Upper
101 100
103 64.0 53.5 80.3

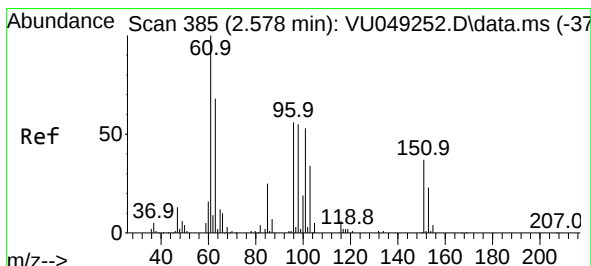
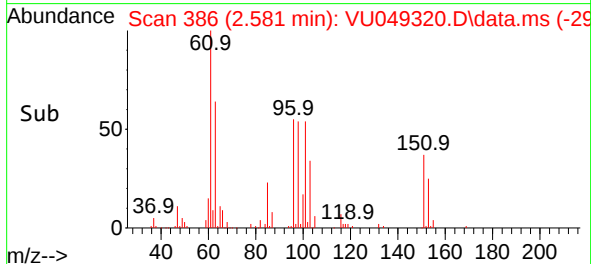
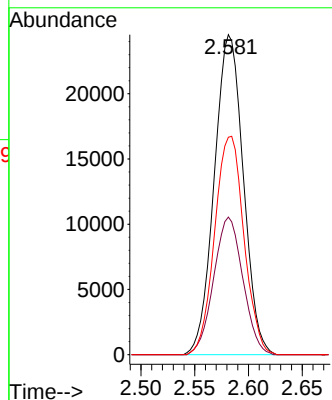
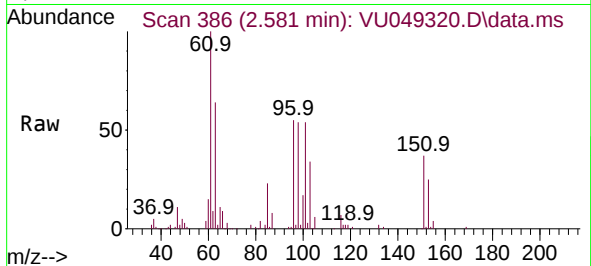




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.686 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU049320.D
 Acq: 21 Jun 2022 11:41

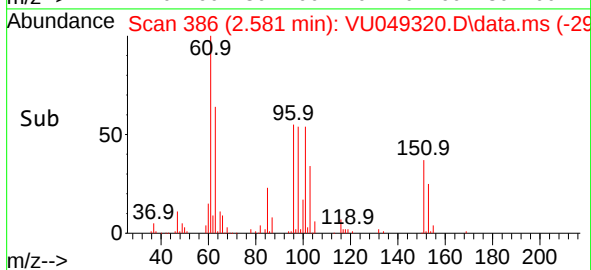
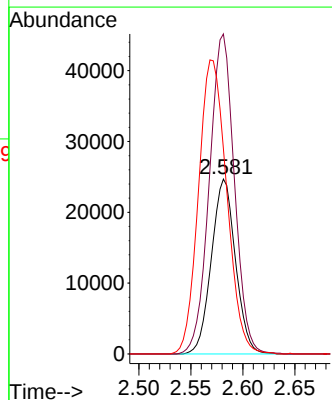
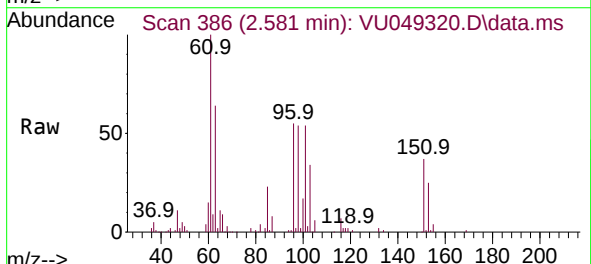
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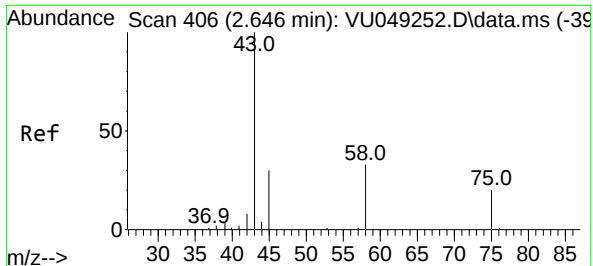
Tgt Ion: 101 Resp: 46063
 Ion Ratio Lower Upper
 101 100
 85 43.2 36.1 54.1
 151 68.9 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 5.046 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU049320.D
 Acq: 21 Jun 2022 11:41

Tgt Ion: 96 Resp: 39794
 Ion Ratio Lower Upper
 96 100
 61 183.0 127.2 236.2
 63 117.4 94.7 175.9





#13

Acetone

Concen: 56.496 ug/L

RT: 2.652 min Scan# 408

Delta R.T. 0.006 min

Lab File: VU049320.D

Acq: 21 Jun 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

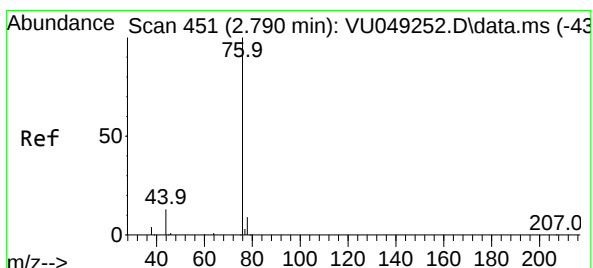
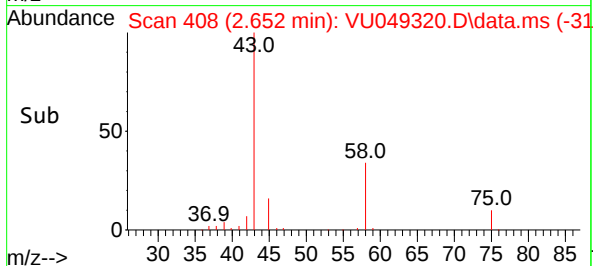
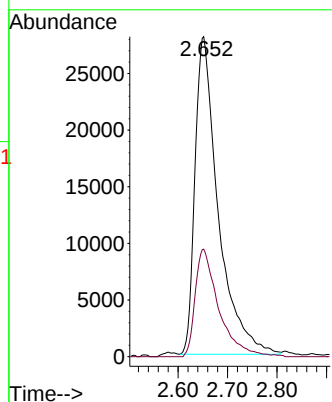
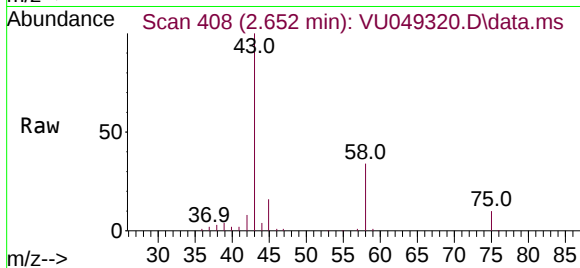
VSTD005122

Tgt Ion: 43 Resp: 91487

Ion Ratio Lower Upper

43 100

58 34.3 0.0 65.8



#14

Carbon disulfide

Concen: 4.879 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU049320.D

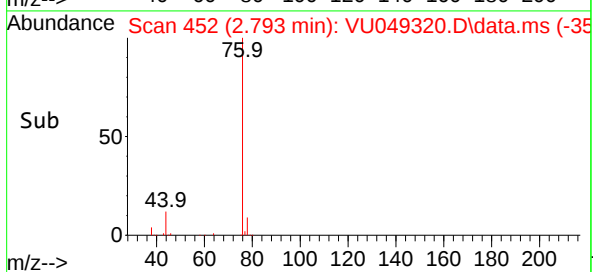
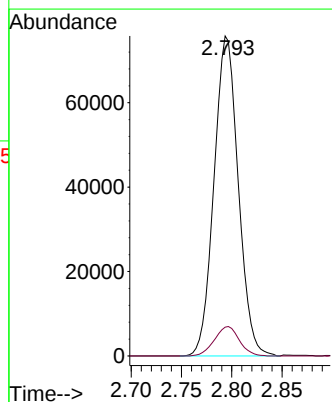
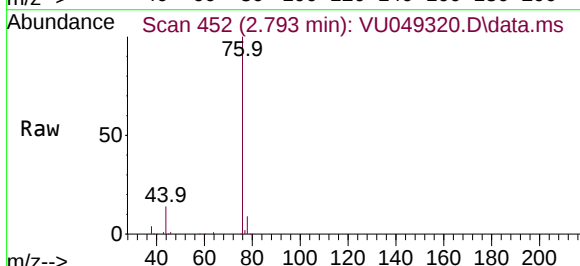
Acq: 21 Jun 2022 11:41

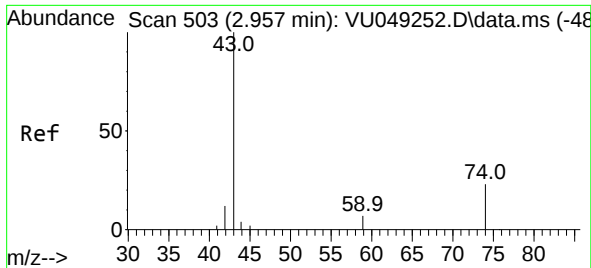
Tgt Ion: 76 Resp: 127095

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

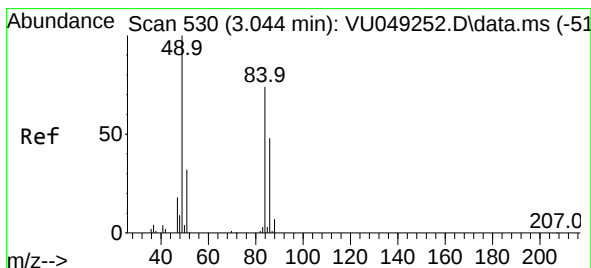
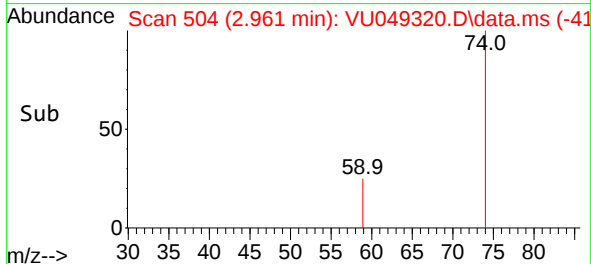
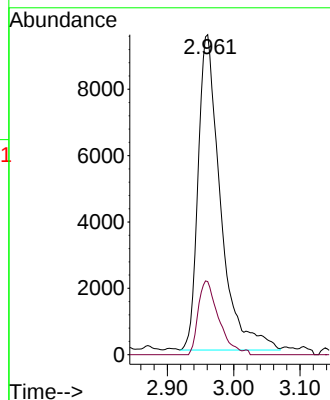
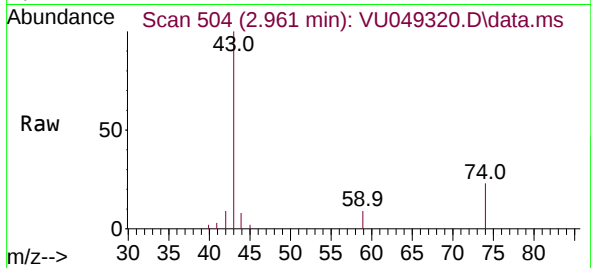




#15
Methyl Acetate
Concen: 5.146 ug/L
RT: 2.961 min Scan# 503
Delta R.T. 0.003 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

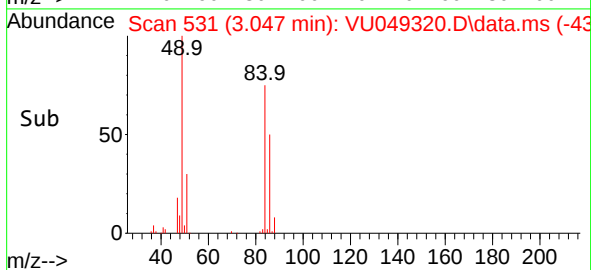
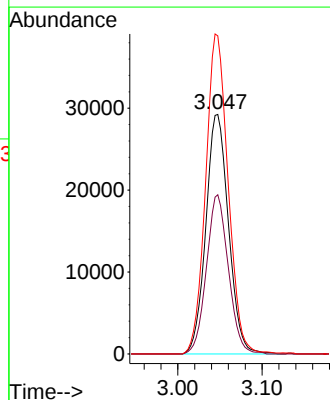
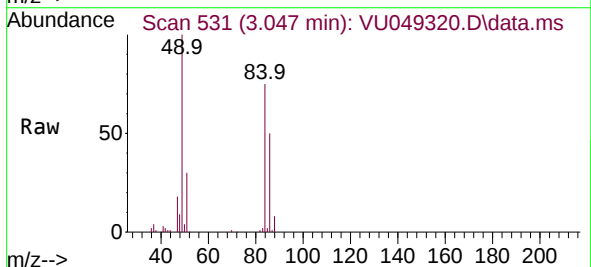
Instrument :
MSVOA_U
ClientSampleId :
VSTD005122

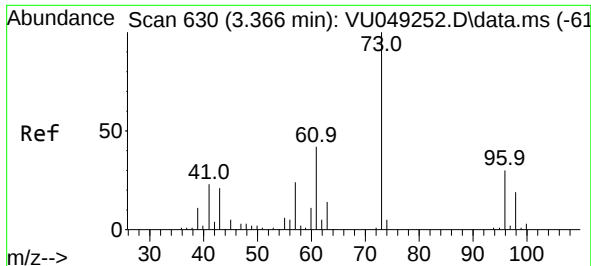
Tgt Ion: 43 Resp: 22288
Ion Ratio Lower Upper
43 100
74 21.1 17.6 26.4



#16
Methylene chloride
Concen: 5.280 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

Tgt Ion: 84 Resp: 54777
Ion Ratio Lower Upper
84 100
86 66.5 43.6 81.0
49 132.8 90.2 167.6

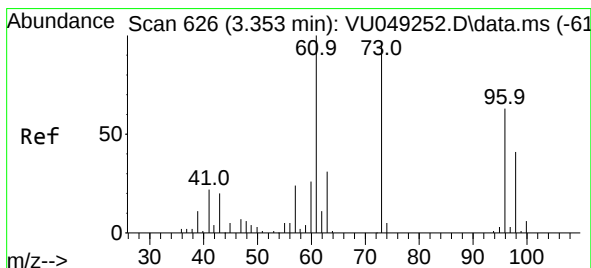
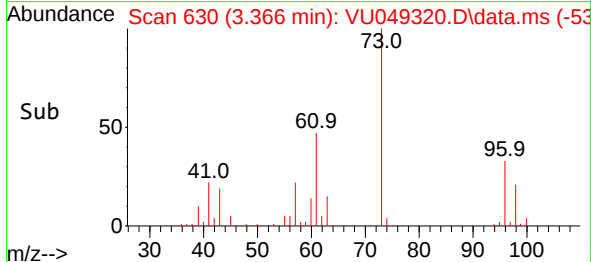
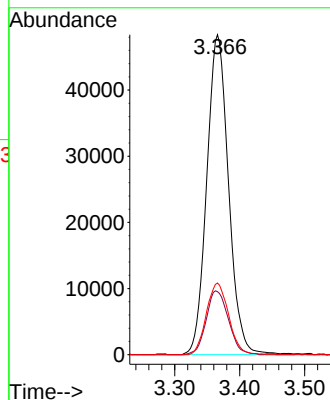
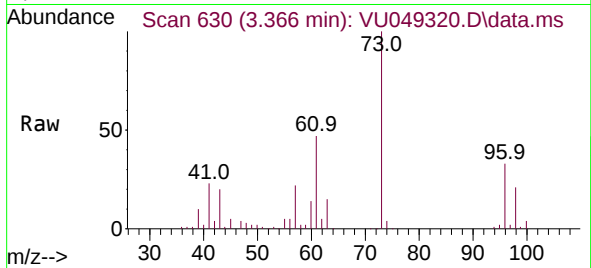




#17
Methyl tert-butyl Ether
Concen: 4.727 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

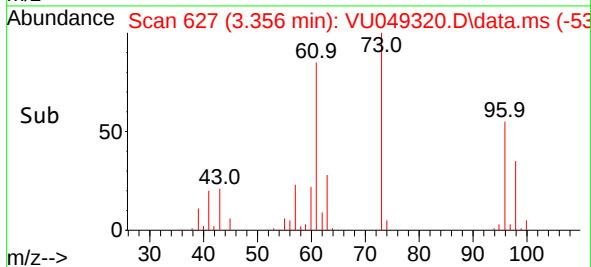
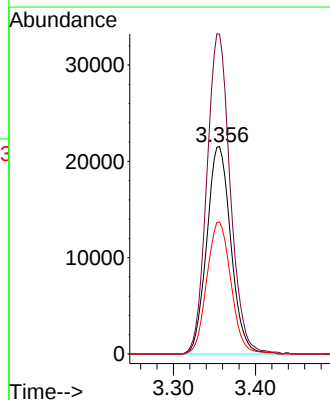
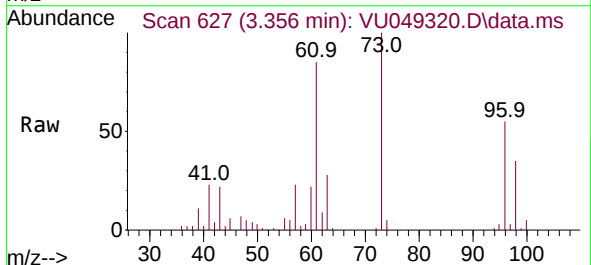
Instrument :
MSVOA_U
ClientSampleId :
VSTD005122

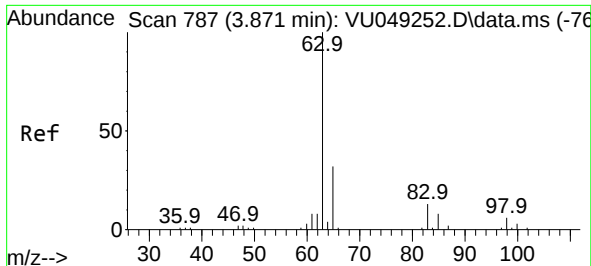
Tgt Ion: 73 Resp: 112754
Ion Ratio Lower Upper
73 100
43 20.4 16.5 24.7
57 22.9 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 5.043 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.003 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

Tgt Ion: 96 Resp: 44056
Ion Ratio Lower Upper
96 100
61 154.3 103.3 191.9
98 63.6 44.0 81.8

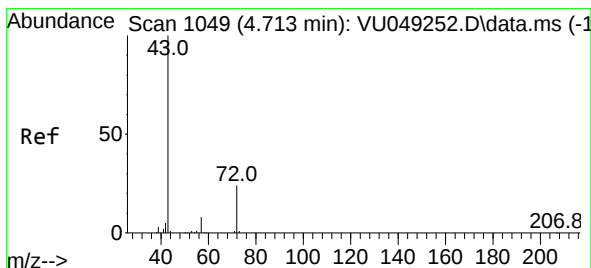
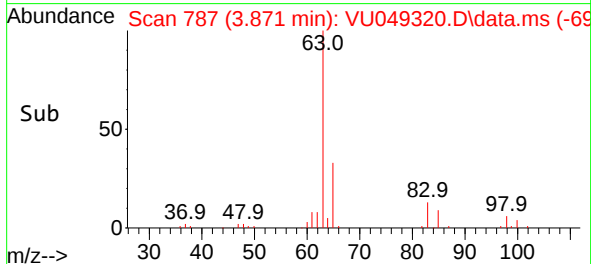
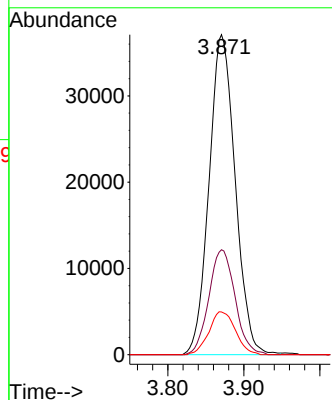
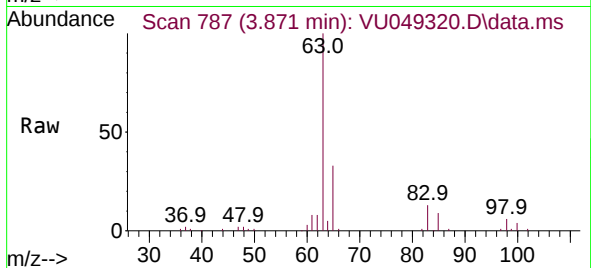




#19
1,1-Dichloroethane
Concen: 5.139 ug/L
RT: 3.871 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

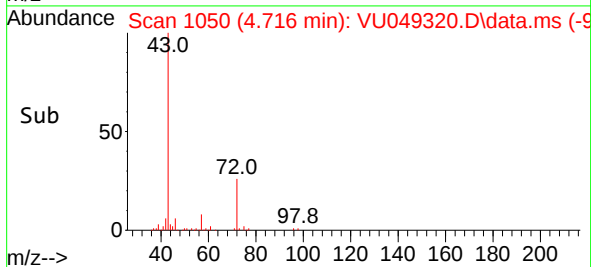
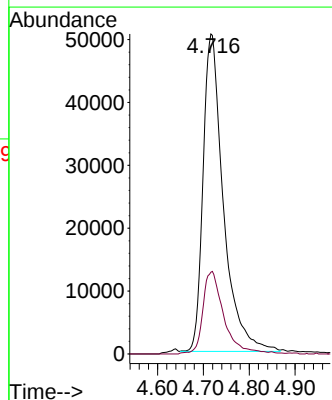
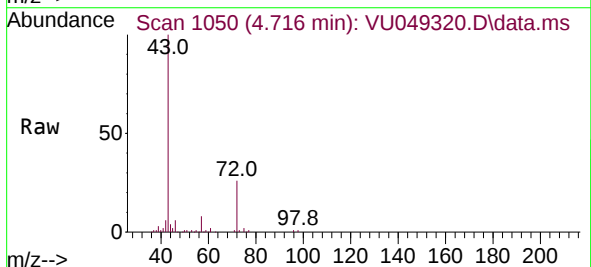
Instrument :
MSVOA_U
ClientSampleId :
VSTD005122

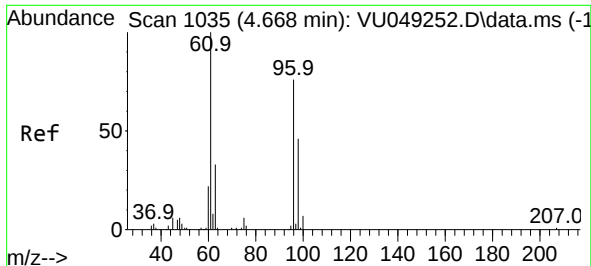
Tgt Ion: 63 Resp: 88537
Ion Ratio Lower Upper
63 100
65 32.8 24.0 44.6
83 13.4 9.1 16.9



#21
2-Butanone
Concen: 50.347 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

Tgt Ion: 43 Resp: 155464
Ion Ratio Lower Upper
43 100
72 26.7 12.2 36.6

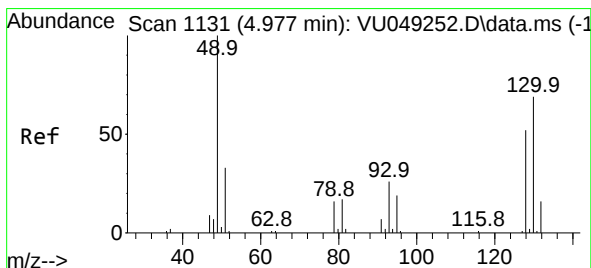
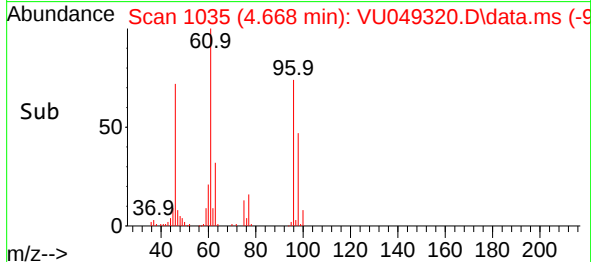
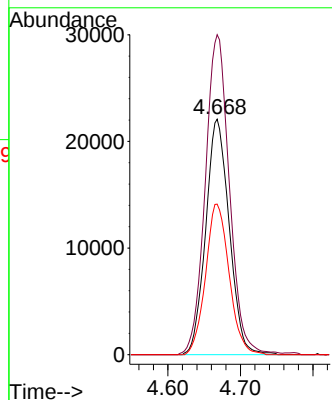
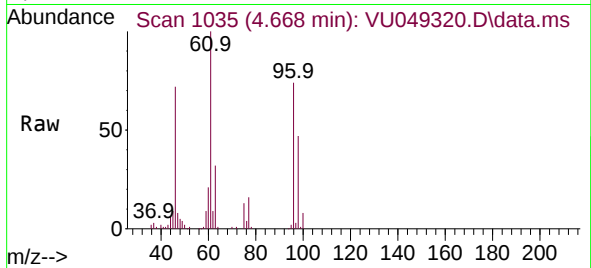




#22
 cis-1,2-Dichloroethene
 Concen: 5.103 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU049320.D
 Acq: 21 Jun 2022 11:41

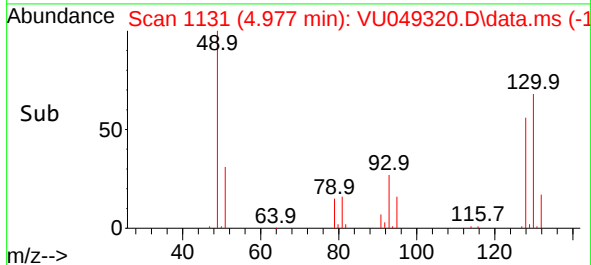
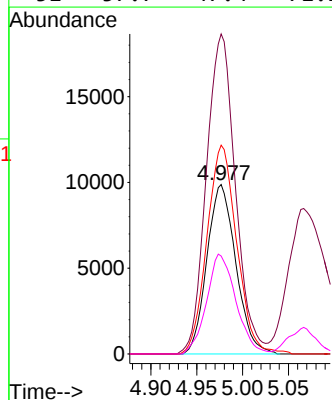
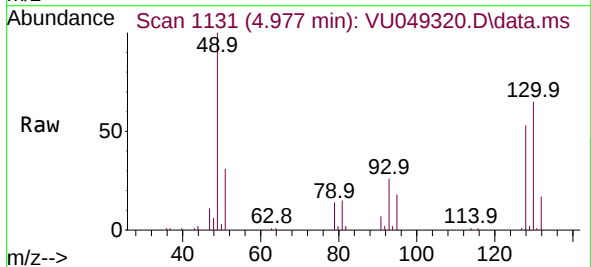
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005122

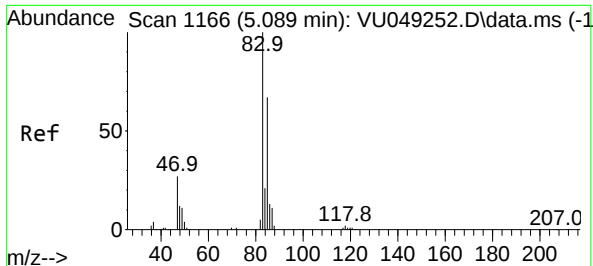
Tgt Ion: 96 Resp: 49862
 Ion Ratio Lower Upper
 96 100
 61 135.9 99.5 184.9
 98 64.0 44.8 83.2



#23
 Bromochloromethane
 Concen: 5.178 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU049320.D
 Acq: 21 Jun 2022 11:41

Tgt Ion: 128 Resp: 21661
 Ion Ratio Lower Upper
 128 100
 49 188.8 131.6 244.4
 130 123.2 86.9 161.5
 51 57.7 47.4 71.2





#25

Chloroform

Concen: 5.165 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU049320.D

Acq: 21 Jun 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

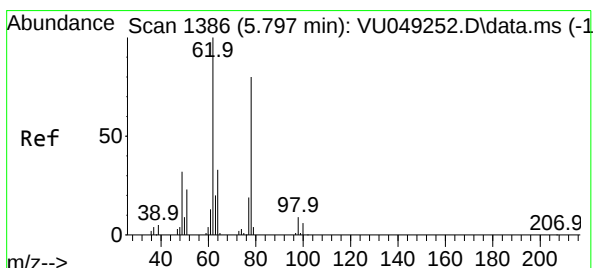
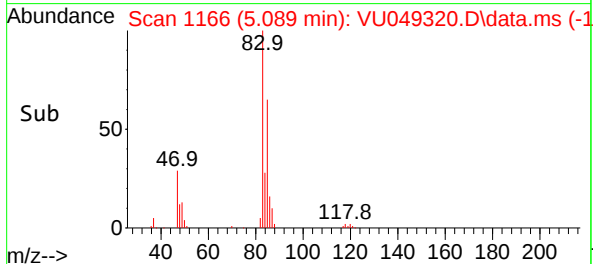
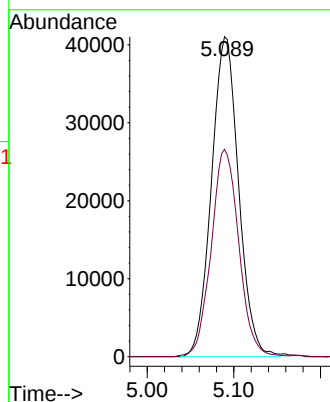
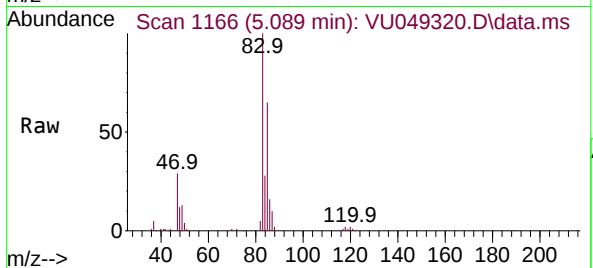
VSTD005122

Tgt Ion: 83 Resp: 89312

Ion Ratio Lower Upper

83 100

85 64.8 45.8 85.2



#27

1,2-Dichloroethane

Concen: 5.018 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU049320.D

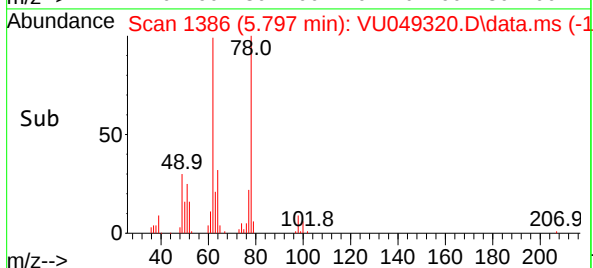
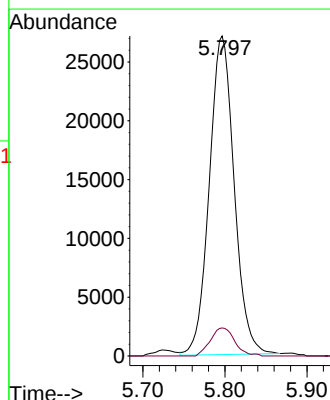
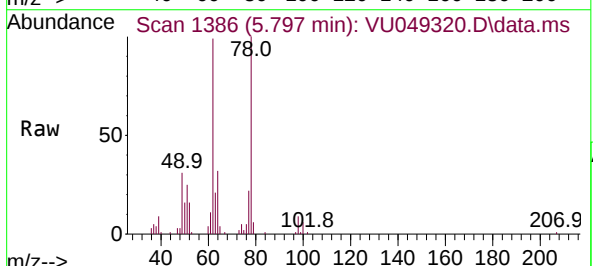
Acq: 21 Jun 2022 11:41

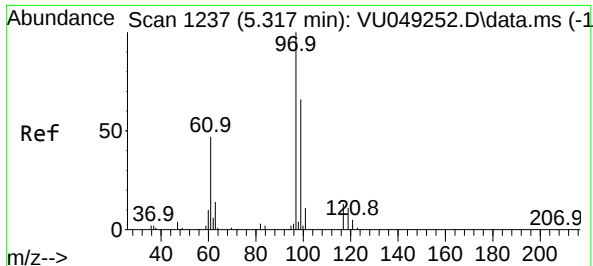
Tgt Ion: 62 Resp: 57152

Ion Ratio Lower Upper

62 100

98 8.8 7.6 11.4





#29

1,1,1-Trichloroethane

Concen: 4.998 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU049320.D

Acq: 21 Jun 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

VSTD005122

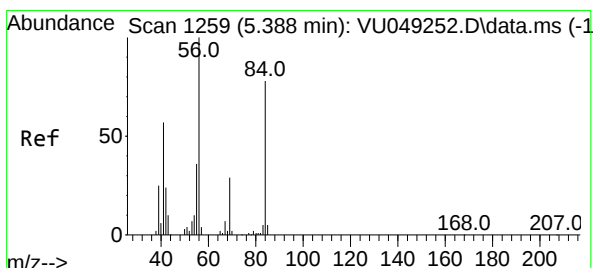
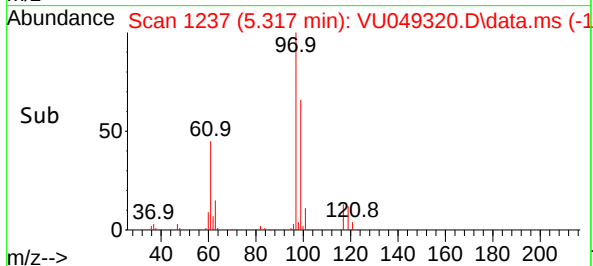
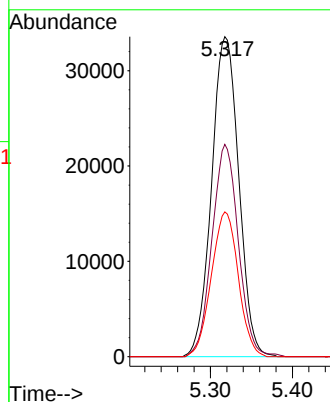
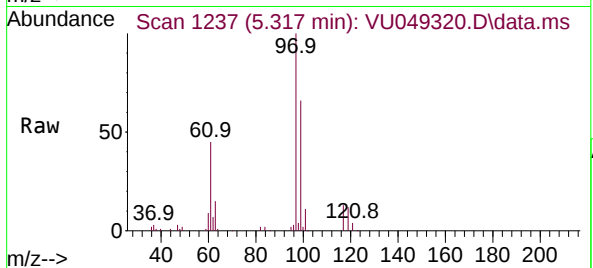
Tgt Ion: 97 Resp: 77339

Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.4

61 44.9 36.2 54.4



#30

Cyclohexane

Concen: 4.768 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU049320.D

Acq: 21 Jun 2022 11:41

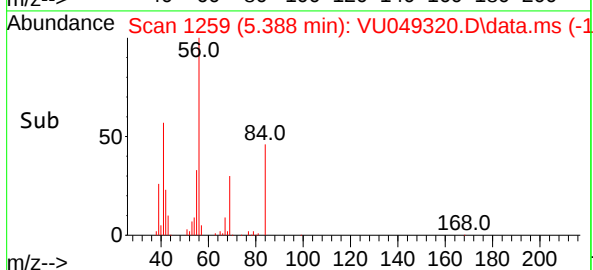
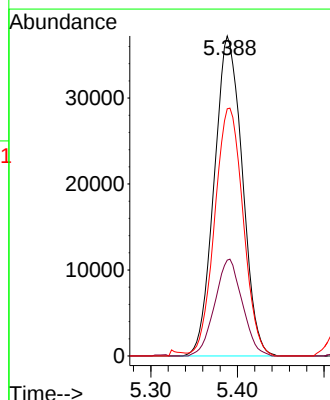
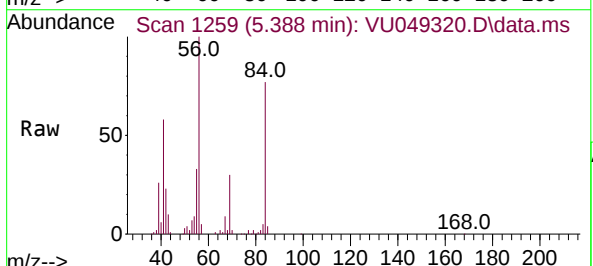
Tgt Ion: 56 Resp: 83866

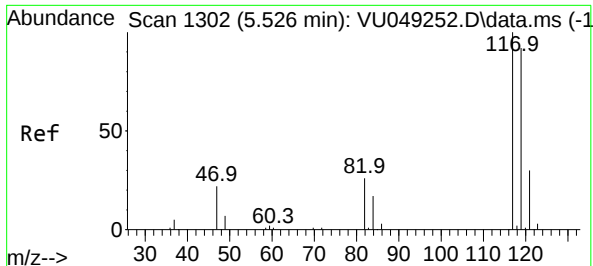
Ion Ratio Lower Upper

56 100

69 29.6 23.8 35.6

84 78.7 61.2 91.8

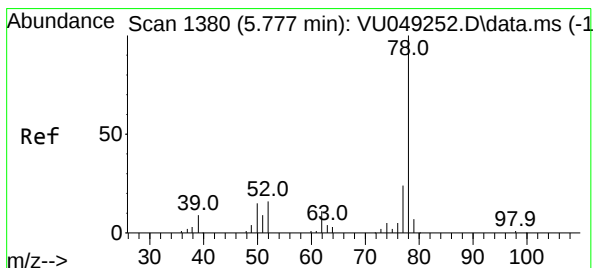
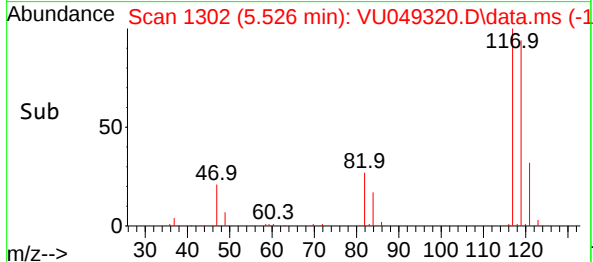
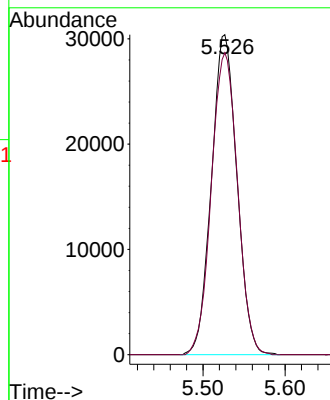
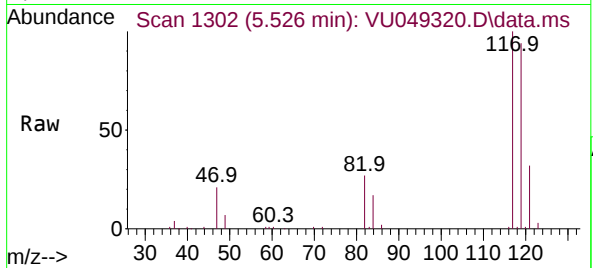




#31
Carbon tetrachloride
Concen: 5.070 ug/L
RT: 5.526 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

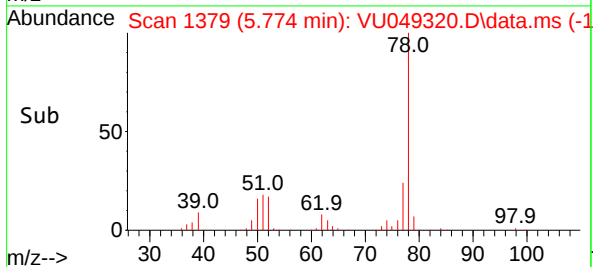
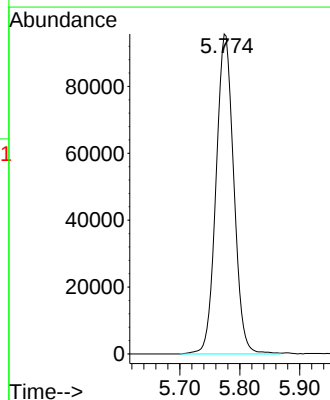
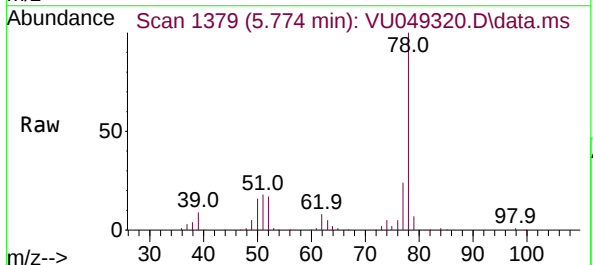
Instrument :
MSVOA_U
ClientSampleId :
VSTD005122

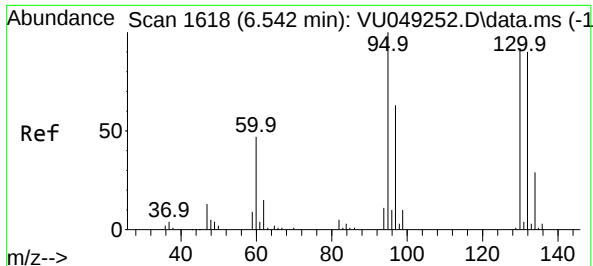
Tgt Ion:117 Resp: 65691
Ion Ratio Lower Upper
117 100
119 96.9 78.3 117.5



#33
Benzene
Concen: 5.086 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

Tgt Ion: 78 Resp: 195949

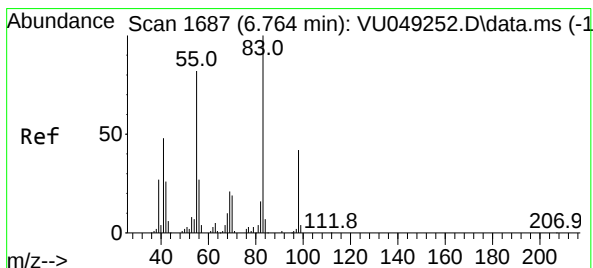
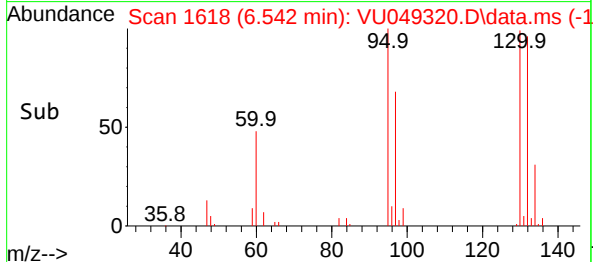
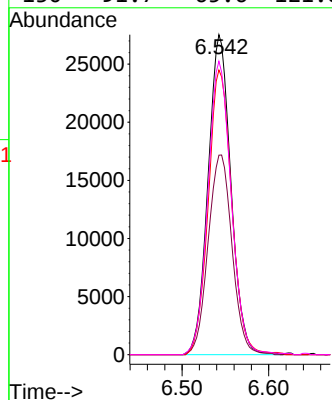
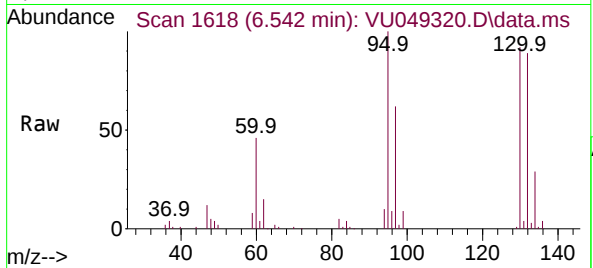




#34
Trichloroethene
Concen: 5.119 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

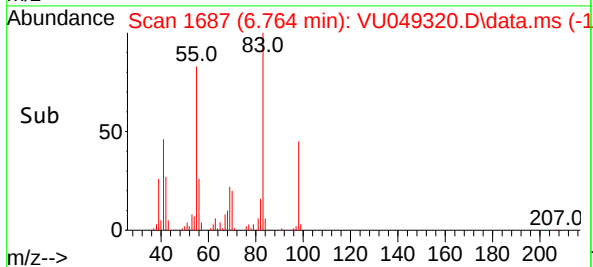
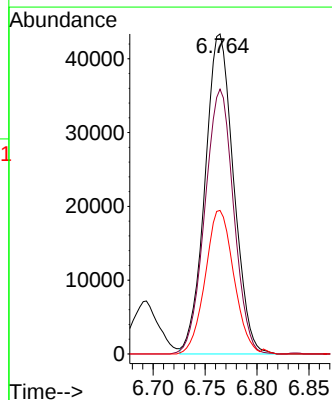
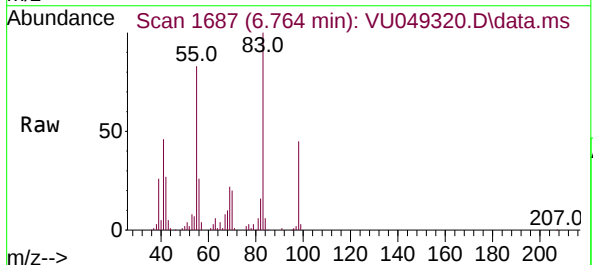
Instrument :
MSVOA_U
ClientSampleId :
VSTD005122

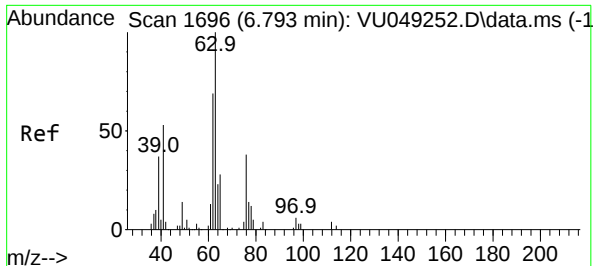
Tgt Ion: 95 Resp: 50418
Ion Ratio Lower Upper
95 100
97 62.4 45.3 84.1
132 88.9 61.5 114.3
130 91.7 65.6 121.8



#35
Methylcyclohexane
Concen: 5.037 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

Tgt Ion: 83 Resp: 83204
Ion Ratio Lower Upper
83 100
55 83.1 66.9 100.3
98 44.7 35.5 53.3





#37

1,2-Dichloropropane

Concen: 5.078 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049320.D

Acq: 21 Jun 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

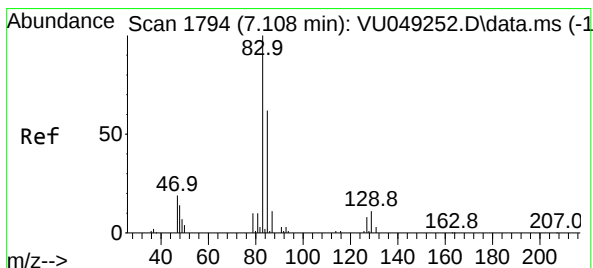
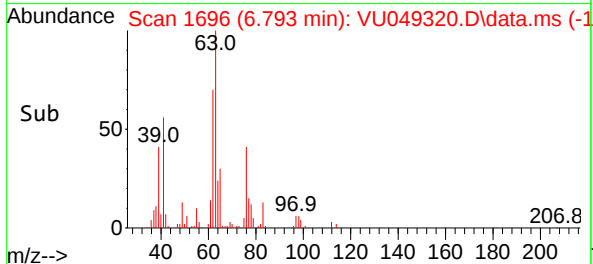
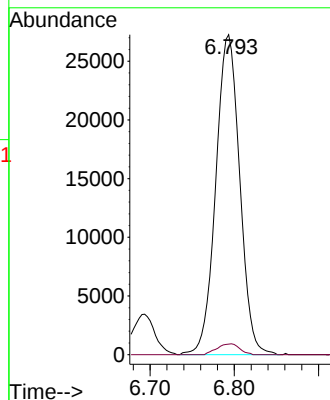
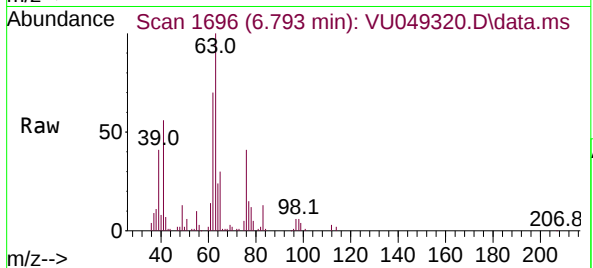
VSTD005122

Tgt Ion: 63 Resp: 53763

Ion Ratio Lower Upper

63 100

112 3.2 2.8 4.2



#38

Bromodichloromethane

Concen: 5.095 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU049320.D

Acq: 21 Jun 2022 11:41

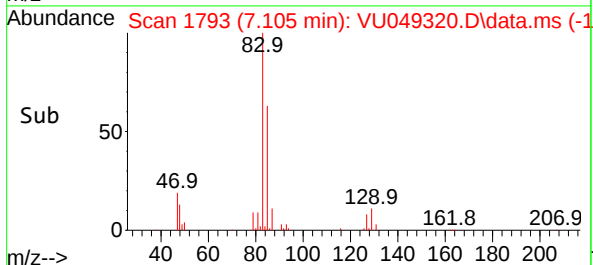
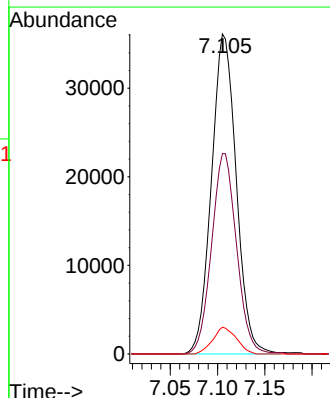
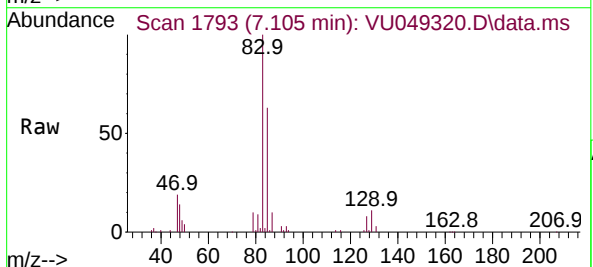
Tgt Ion: 83 Resp: 65935

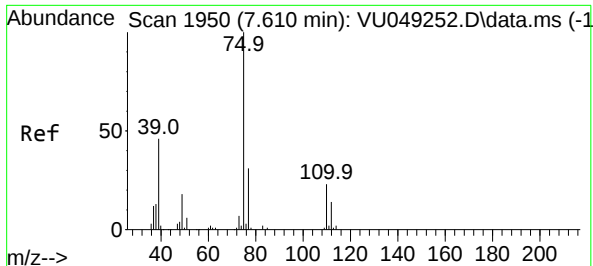
Ion Ratio Lower Upper

83 100

85 62.6 45.5 84.5

127 8.4 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 4.610 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU049320.D

Acq: 21 Jun 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

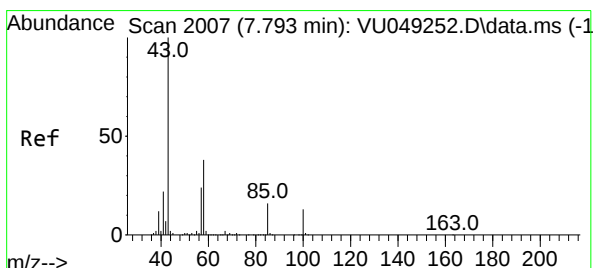
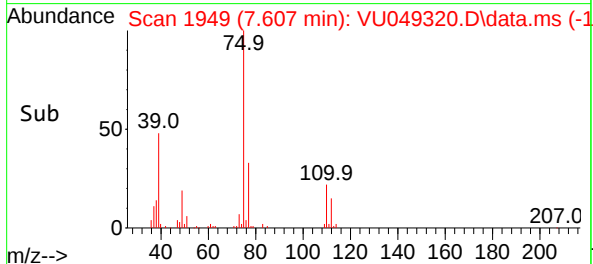
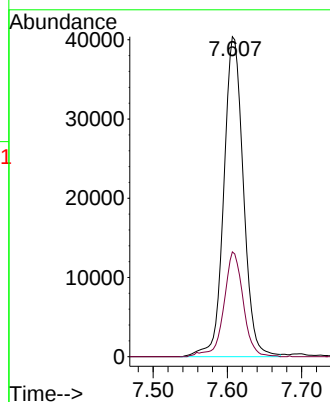
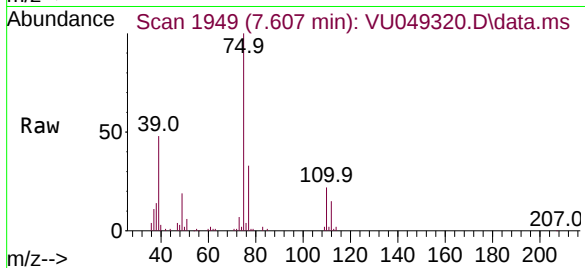
VSTD005122

Tgt Ion: 75 Resp: 74179

Ion Ratio Lower Upper

75 100

77 32.8 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 47.032 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU049320.D

Acq: 21 Jun 2022 11:41

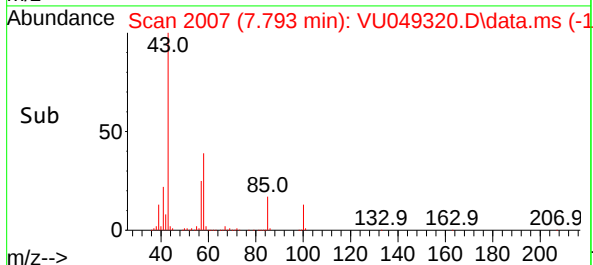
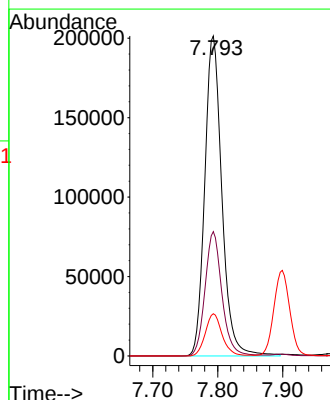
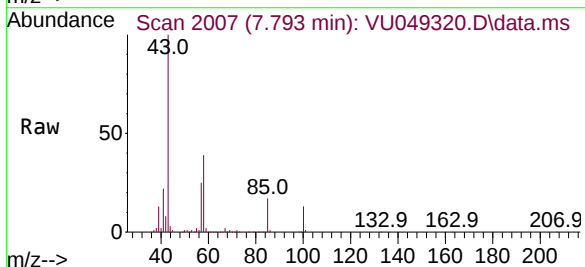
Tgt Ion: 43 Resp: 369925

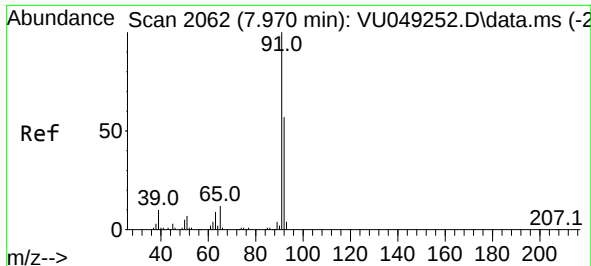
Ion Ratio Lower Upper

43 100

58 38.4 31.4 47.2

100 12.9 10.5 15.7

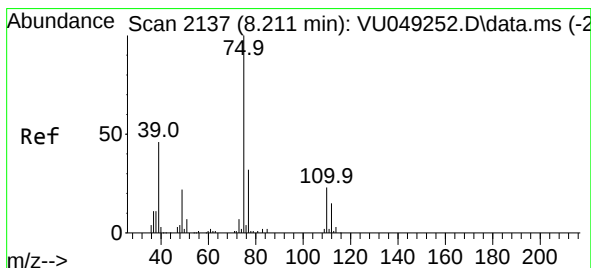
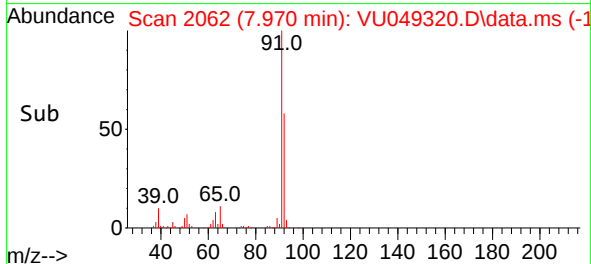
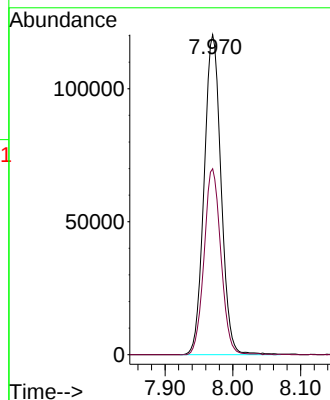
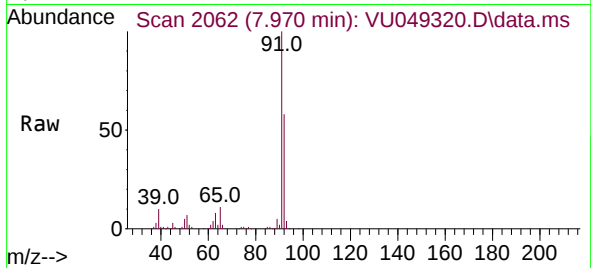




#42
Toluene
Concen: 5.107 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

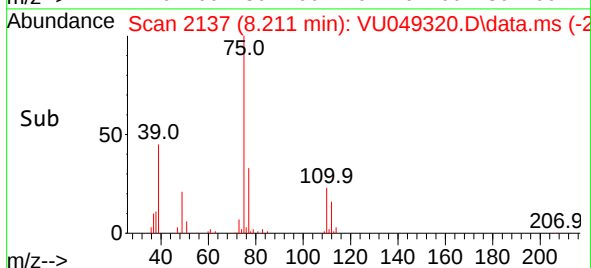
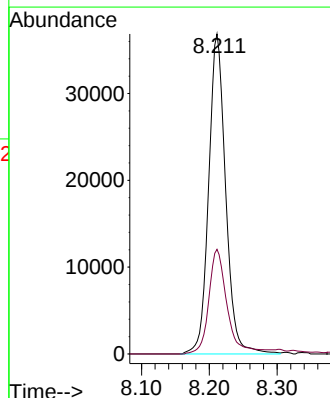
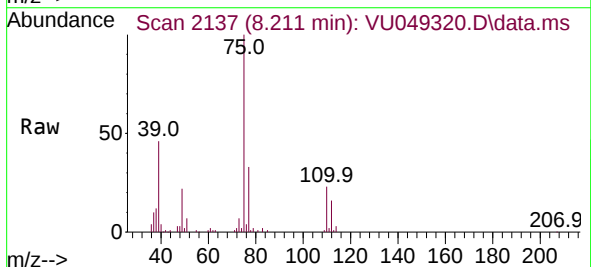
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MSVOA_U
ClientSampleId :
VSTD005122

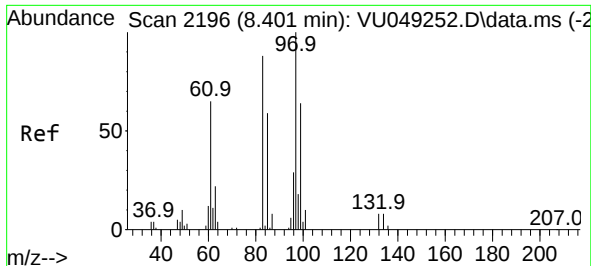
Tgt Ion: 91 Resp: 208664
Ion Ratio Lower Upper
91 100
92 58.1 40.0 74.2



#44
trans-1,3-Dichloropropene
Concen: 4.594 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

Tgt Ion: 75 Resp: 64207
Ion Ratio Lower Upper
75 100
77 32.7 21.1 39.3

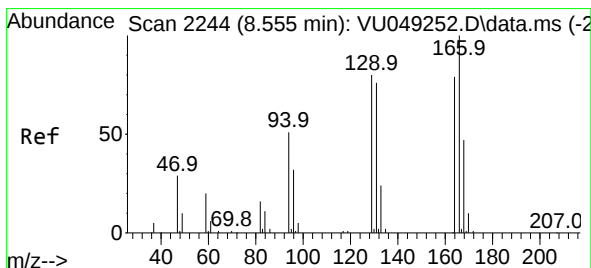
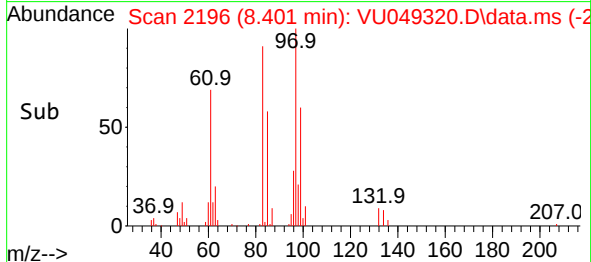
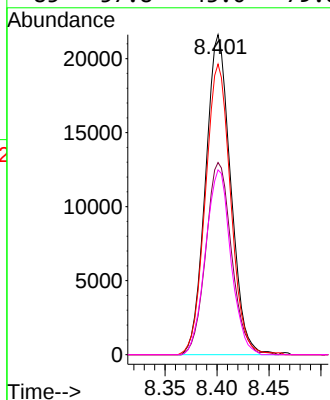
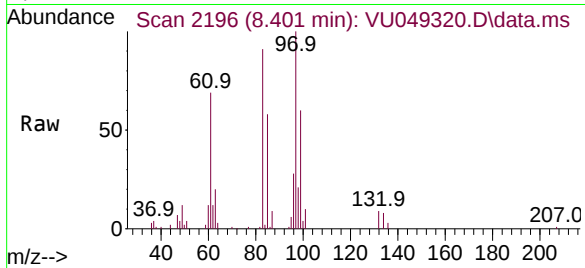




#45
1,1,2-Trichloroethane
Concen: 4.929 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

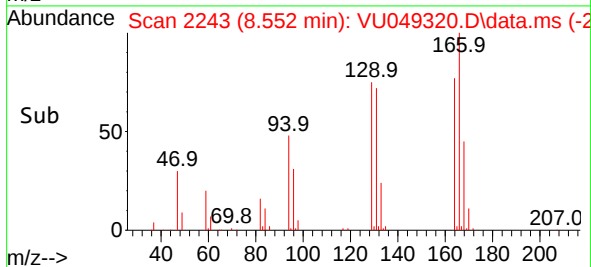
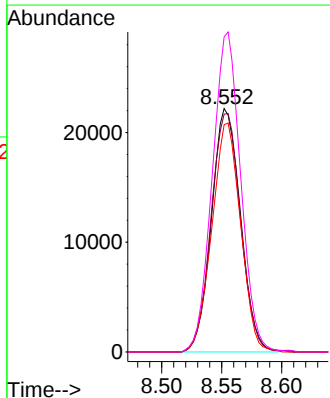
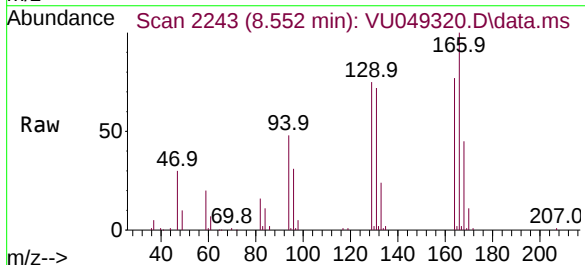
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ClientSampleId :
VSTD005122

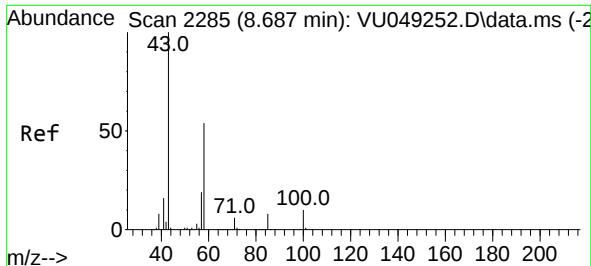
Tgt Ion:	97	Resp:	36376
Ion	Ratio	Lower	Upper
97	100		
99	60.1	45.6	84.8
83	90.8	65.4	121.4
85	57.8	43.0	79.8



#47
Tetrachloroethene
Concen: 5.476 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

Tgt Ion:	164	Resp:	37189
Ion	Ratio	Lower	Upper
164	100		
129	97.7	69.8	129.6
131	93.4	67.8	125.8
166	129.5	87.3	162.1

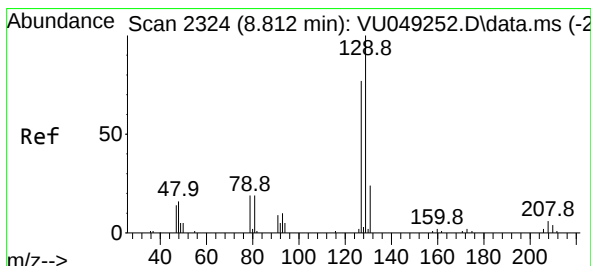
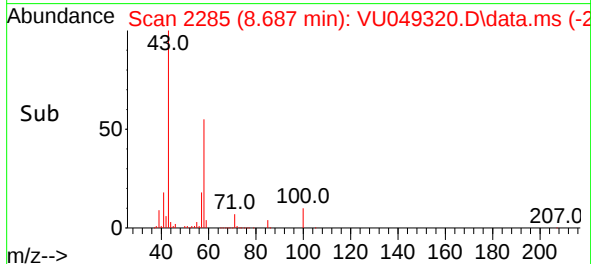
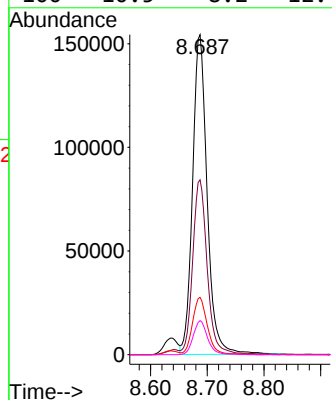
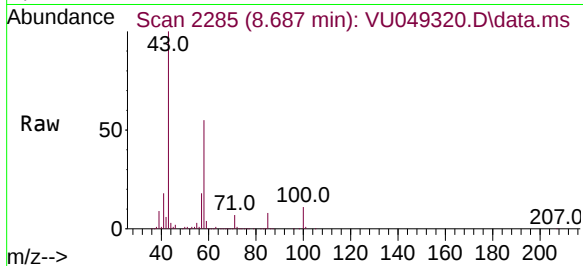




#48
2-Hexanone
Concen: 49.052 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

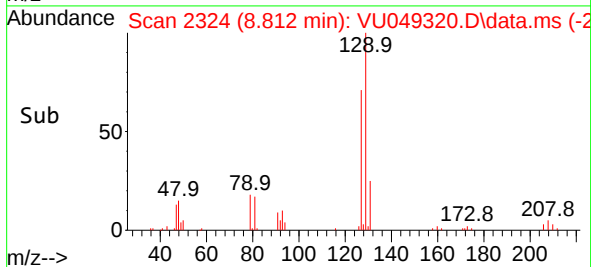
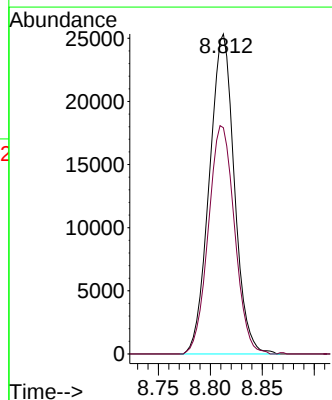
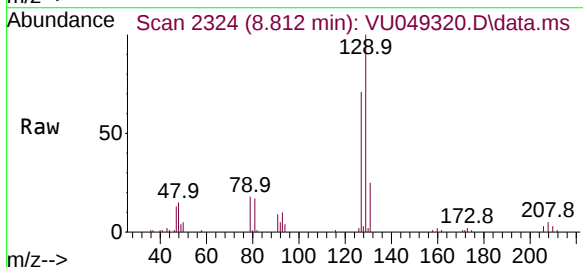
Instrument :
MSVOA_U
ClientSampleId :
VSTD005122

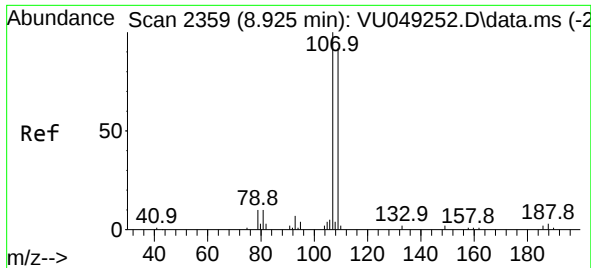
Tgt Ion: 43 Resp: 275379
Ion Ratio Lower Upper
43 100
58 53.7 43.4 65.0
57 18.0 14.9 22.3
100 10.5 8.2 12.4



#49
Dibromochloromethane
Concen: 5.043 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

Tgt Ion: 129 Resp: 42461
Ion Ratio Lower Upper
129 100
127 70.7 54.9 101.9

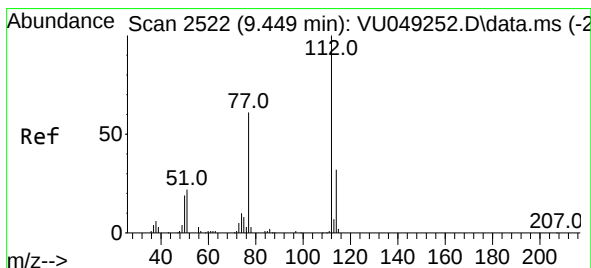
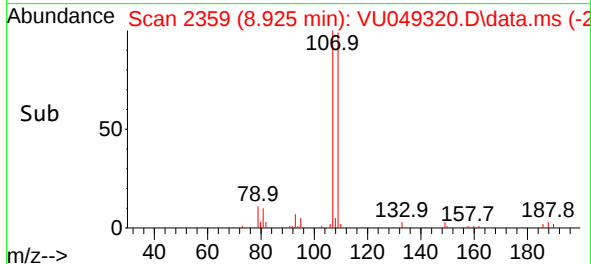
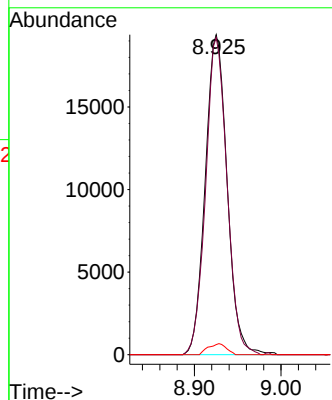
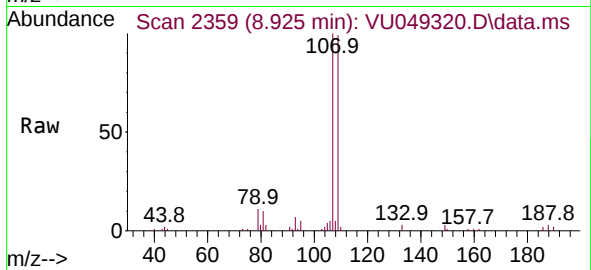




#50
1,2-Dibromoethane
Concen: 4.971 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

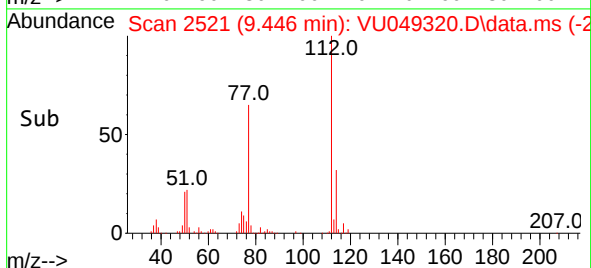
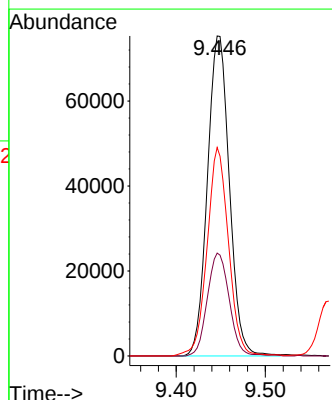
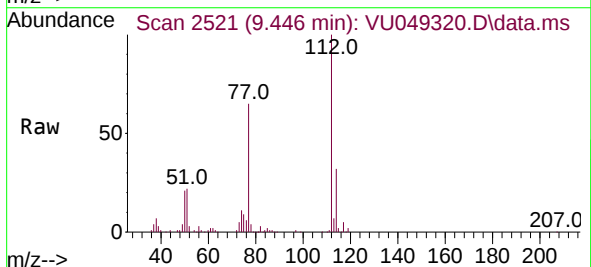
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ClientSampleId :
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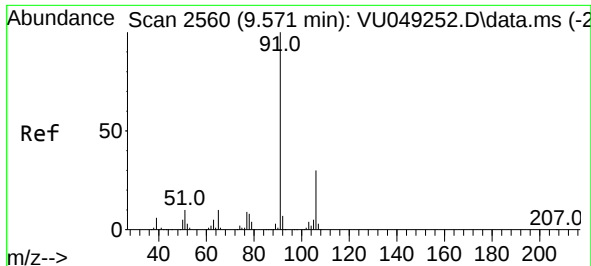
Tgt Ion:107 Resp: 34010
Ion Ratio Lower Upper
107 100
109 99.1 64.4 119.6
188 3.2 2.9 4.3



#51
Chlorobenzene
Concen: 5.177 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

Tgt Ion:112 Resp: 128782
Ion Ratio Lower Upper
112 100
114 32.1 22.3 41.3
77 65.2 51.0 76.6

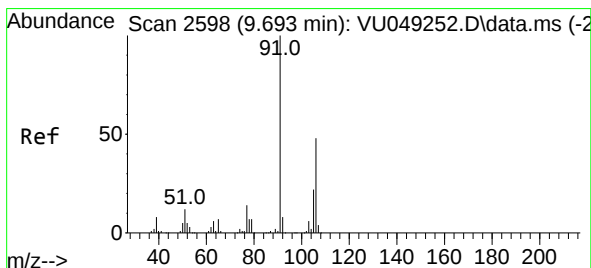
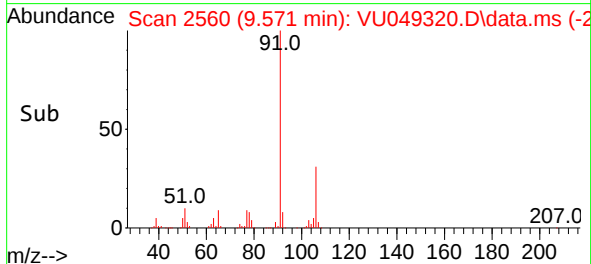
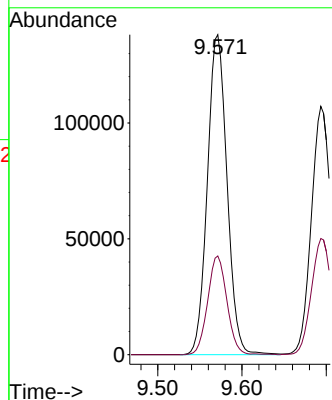
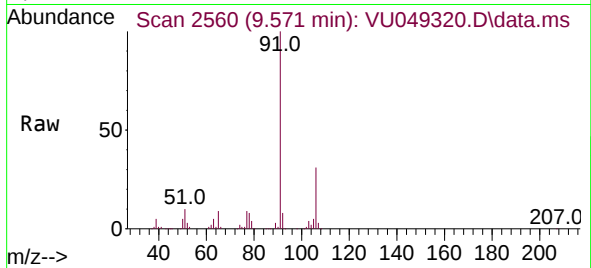




#52
Ethylbenzene
Concen: 5.026 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

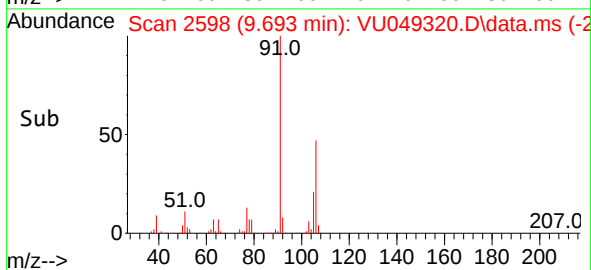
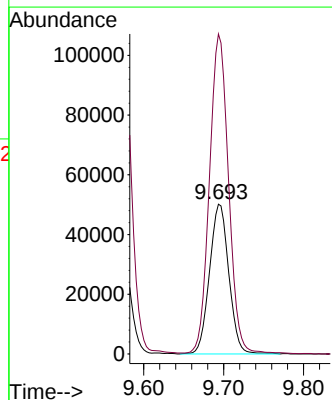
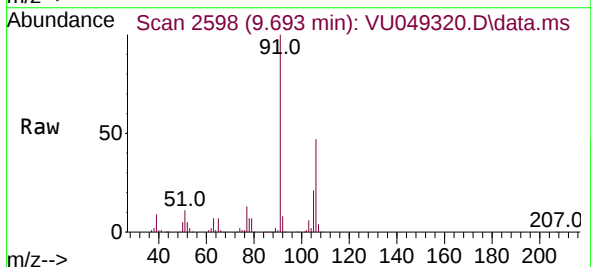
Instrument :
MSVOA_U
ClientSampleId :
VSTD005122

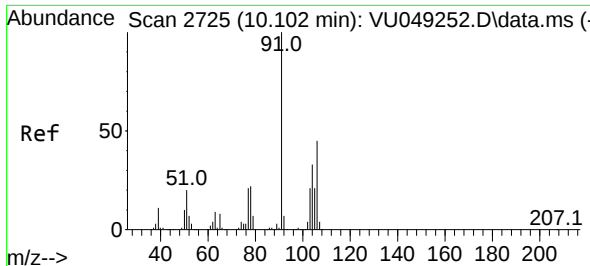
Tgt Ion: 91 Resp: 224262
Ion Ratio Lower Upper
91 100
106 30.8 21.2 39.4



#53
m,p-Xylene
Concen: 5.075 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

Tgt Ion:106 Resp: 84162
Ion Ratio Lower Upper
106 100
91 213.7 148.5 275.7

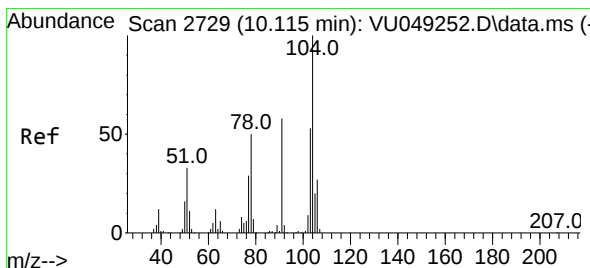
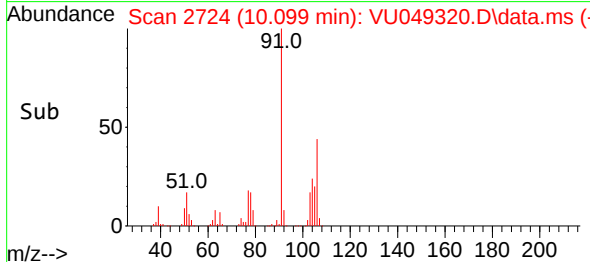
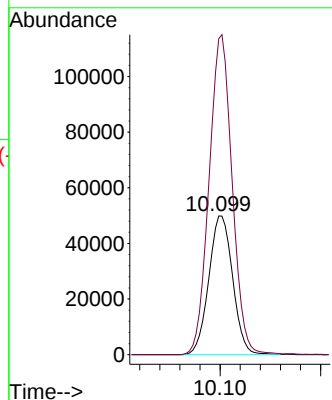
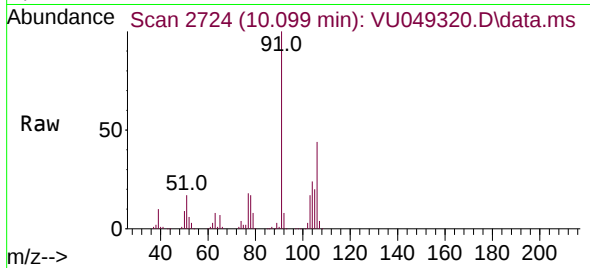




#54
o-Xylene
Concen: 5.001 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

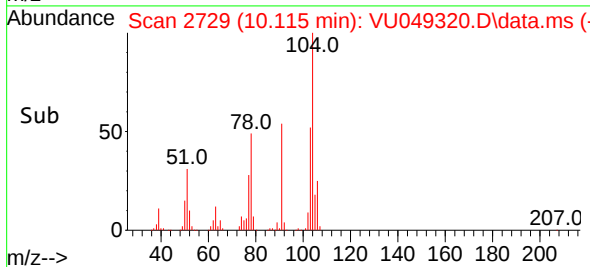
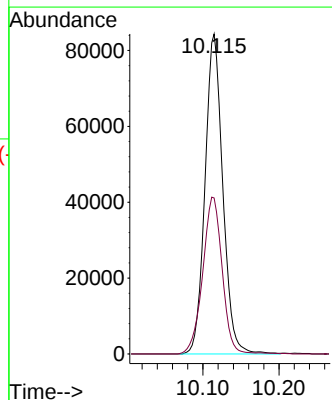
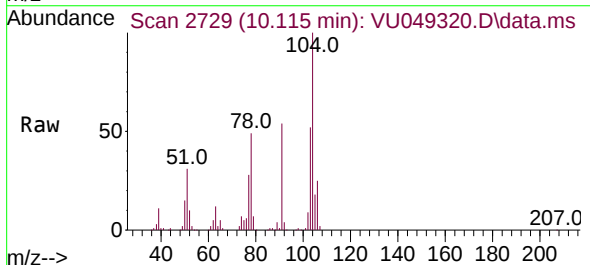
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ClientSampleId :
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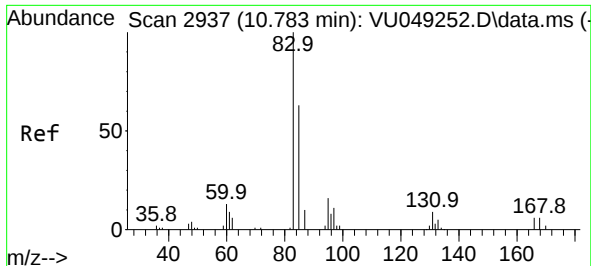
Tgt Ion:106 Resp: 82230
Ion Ratio Lower Upper
106 100
91 227.7 157.5 292.5



#55
Styrene
Concen: 4.984 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

Tgt Ion:104 Resp: 137252
Ion Ratio Lower Upper
104 100
78 48.8 34.1 63.3

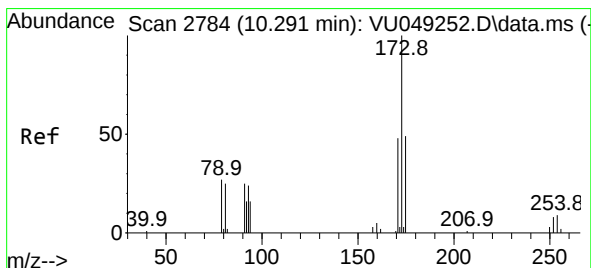
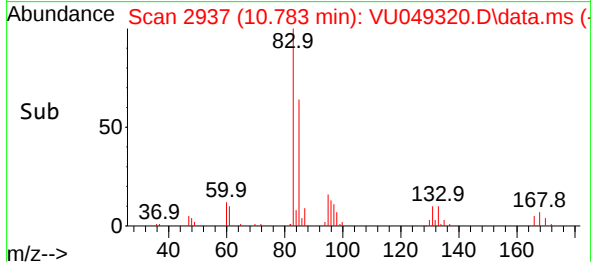
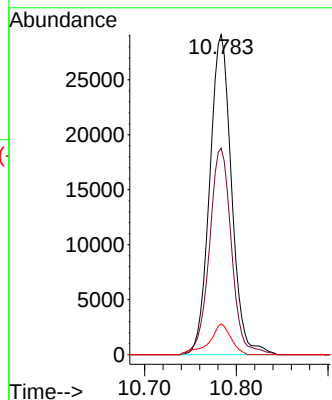
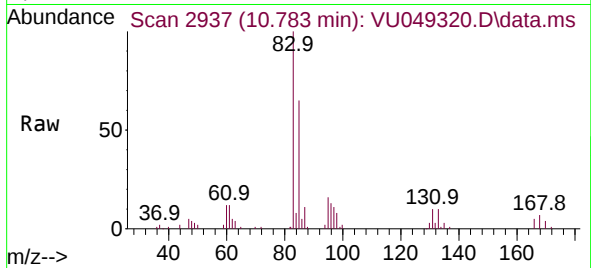




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.933 ug/L
 RT: 10.783 min Scan# 2937
 Delta R.T. 0.000 min
 Lab File: VU049320.D
 Acq: 21 Jun 2022 11:41

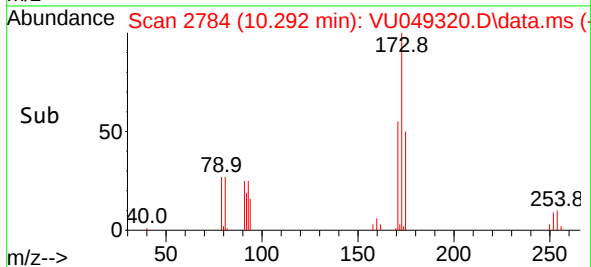
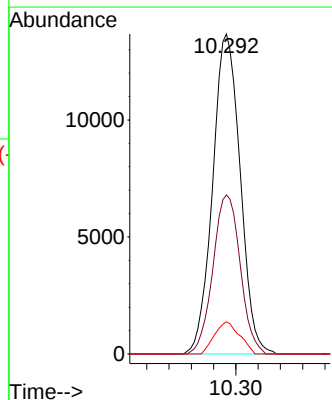
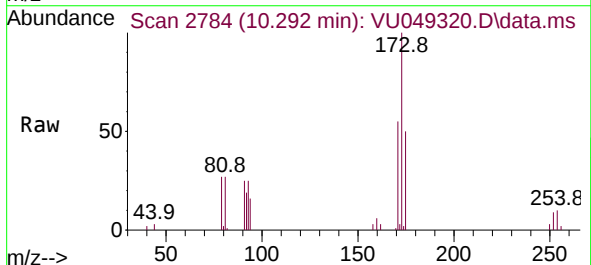
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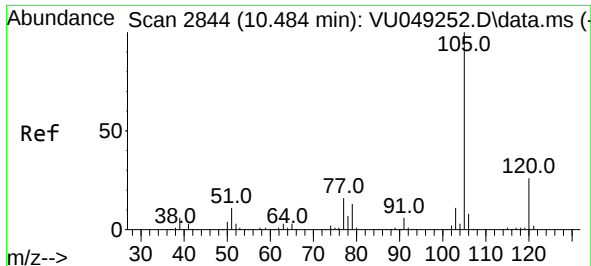
Tgt Ion: 83 Resp: 48182
 Ion Ratio Lower Upper
 83 100
 85 64.5 45.4 84.4
 131 9.6 7.1 10.7



#59
 Bromoform
 Concen: 4.598 ug/L
 RT: 10.292 min Scan# 2784
 Delta R.T. 0.000 min
 Lab File: VU049320.D
 Acq: 21 Jun 2022 11:41

Tgt Ion: 173 Resp: 23440
 Ion Ratio Lower Upper
 173 100
 175 49.3 37.9 56.9
 254 9.1 6.6 9.8

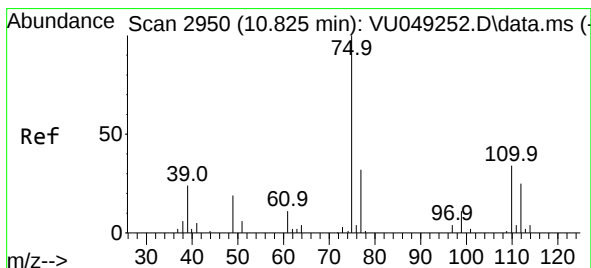
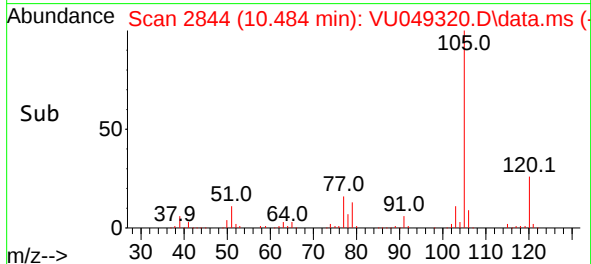
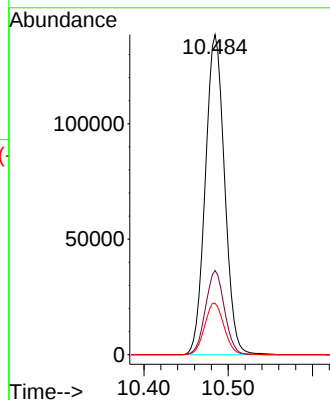
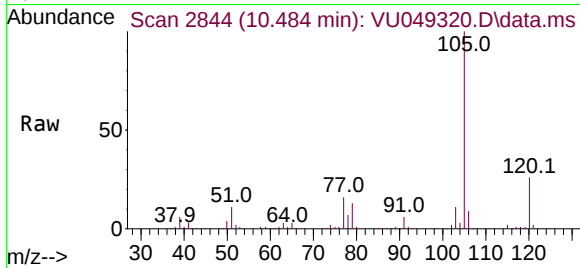




#60
Isopropylbenzene
Concen: 4.768 ug/L
RT: 10.484 min Scan# 2149
Delta R.T. 0.000 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

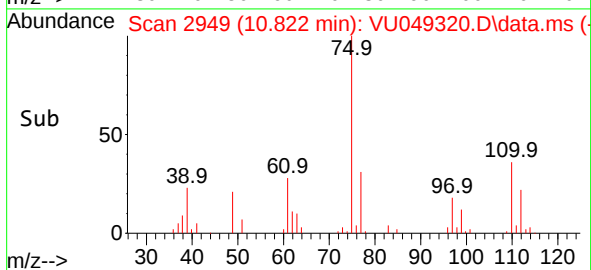
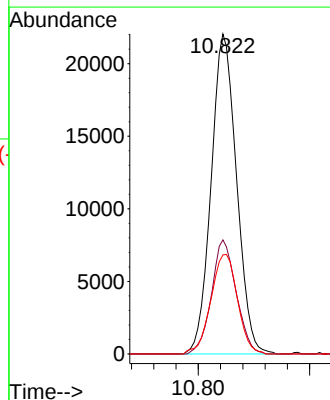
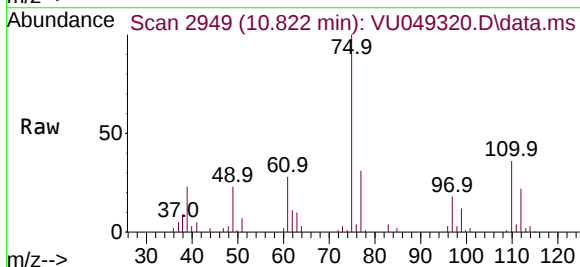
Instrument :
MSVOA_U
ClientSampleId :
VSTD005122

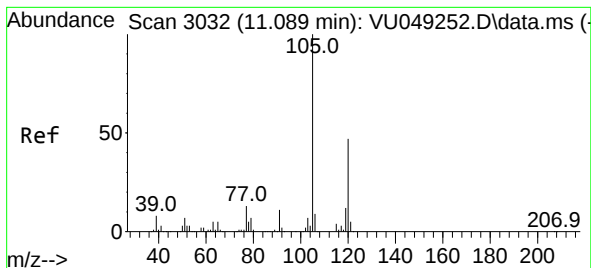
Tgt Ion:105 Resp: 220443
Ion Ratio Lower Upper
105 100
120 26.0 20.3 30.5
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.586 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

Tgt Ion: 75 Resp: 34924
Ion Ratio Lower Upper
75 100
110 34.5 29.0 43.4
77 32.6 26.2 39.2





#62

1,3,5-Trimethylbenzene

Concen: 4.614 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU049320.D

Acq: 21 Jun 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

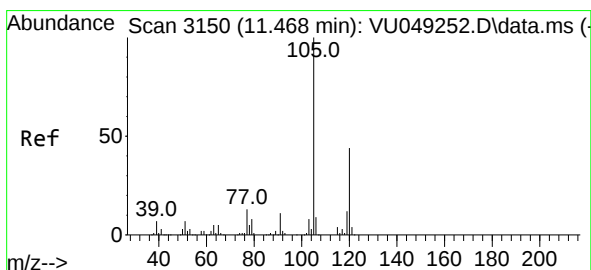
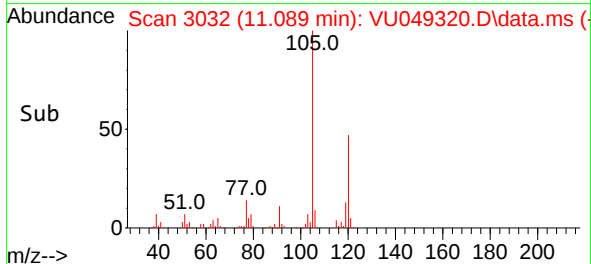
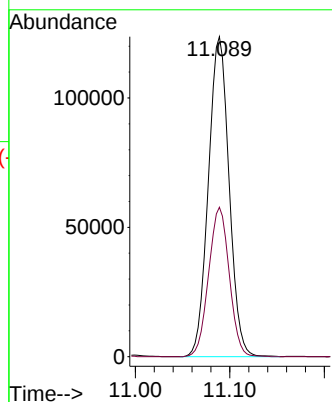
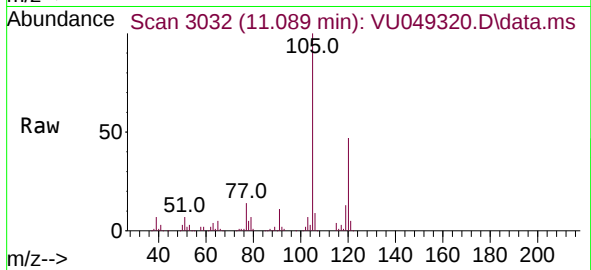
VSTD005122

Tgt Ion:105 Resp: 188288

Ion Ratio Lower Upper

105 100

120 46.5 37.8 56.6



#63

1,2,4-Trimethylbenzene

Concen: 4.576 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU049320.D

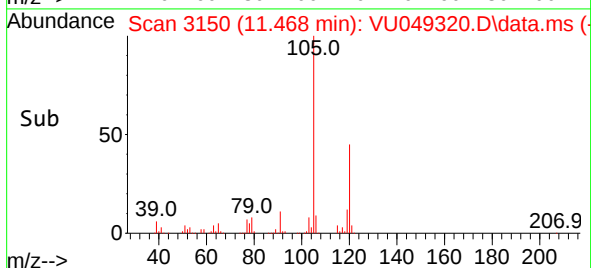
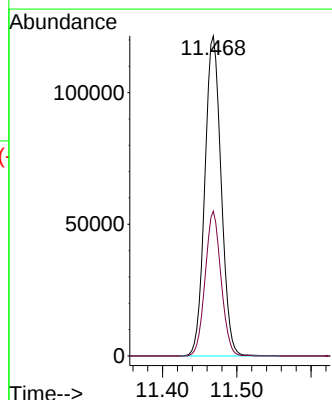
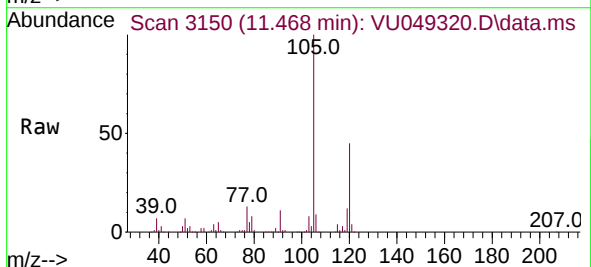
Acq: 21 Jun 2022 11:41

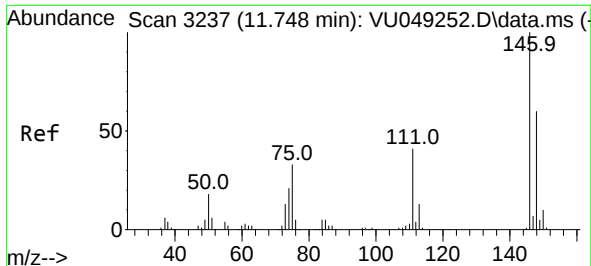
Tgt Ion:105 Resp: 184995

Ion Ratio Lower Upper

105 100

120 44.0 34.6 52.0

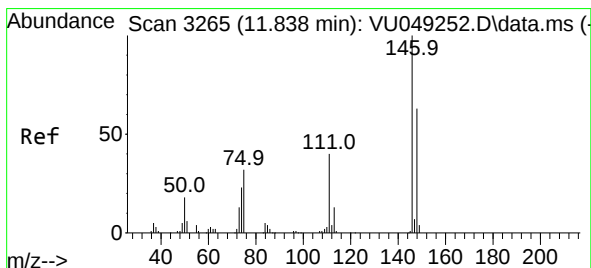
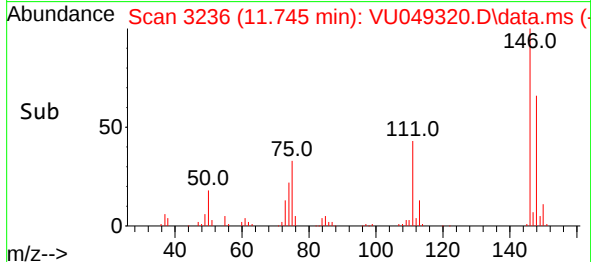
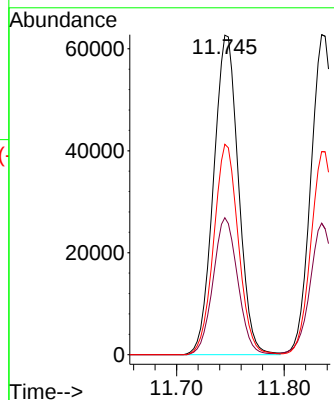
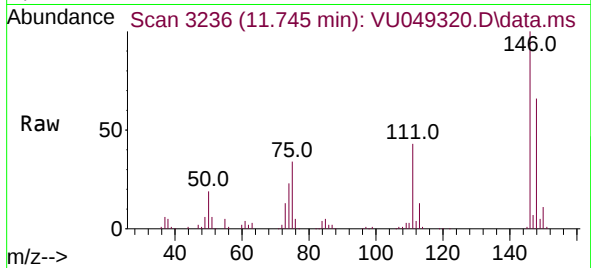




#64
1,3-Dichlorobenzene
Concen: 5.095 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

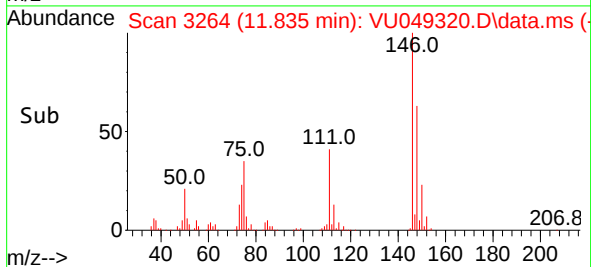
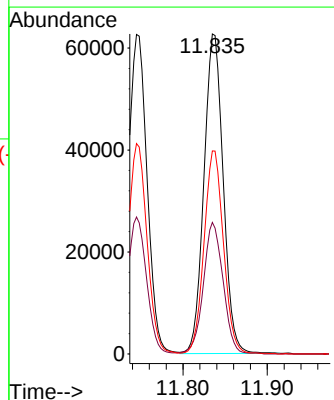
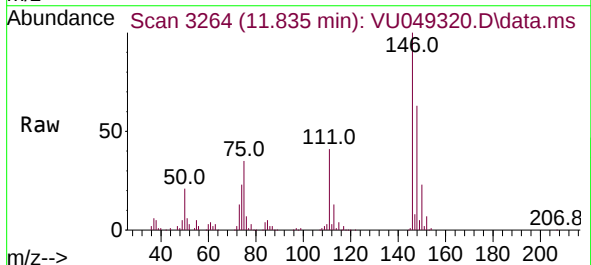
Instrument :
MSVOA_U
ClientSampleId :
VSTD005122

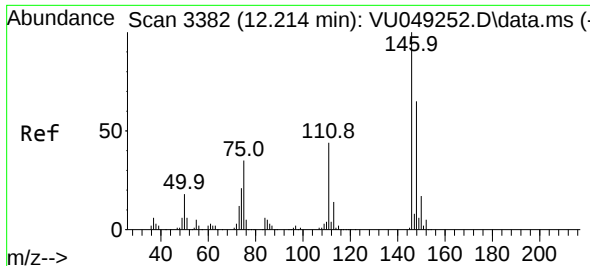
Tgt Ion:146 Resp: 100811
Ion Ratio Lower Upper
146 100
111 42.9 30.9 57.5
148 65.8 46.1 85.7



#65
1,4-Dichlorobenzene
Concen: 5.109 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

Tgt Ion:146 Resp: 99915
Ion Ratio Lower Upper
146 100
111 41.1 29.8 55.4
148 63.5 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.048 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049320.D

Acq: 21 Jun 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

VSTD005122

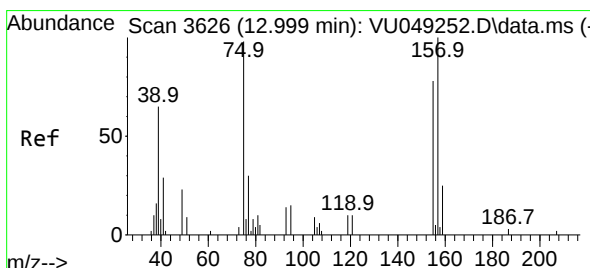
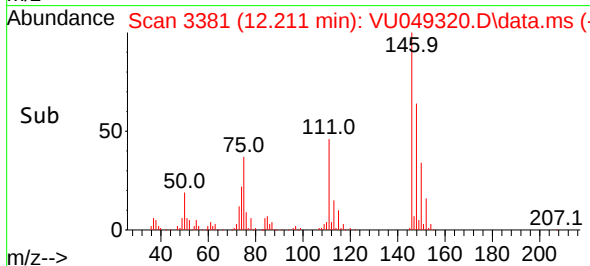
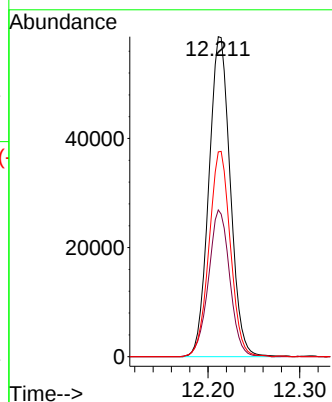
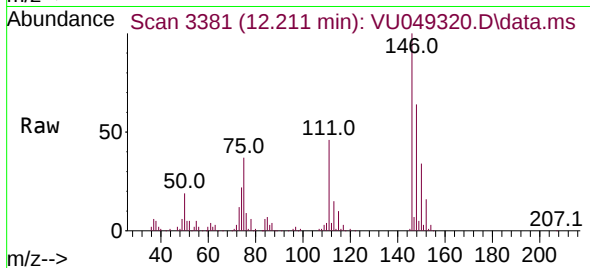
Tgt Ion:146 Resp: 95037

Ion Ratio Lower Upper

146 100

111 45.9 36.6 55.0

148 64.0 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 3.949 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU049320.D

Acq: 21 Jun 2022 11:41

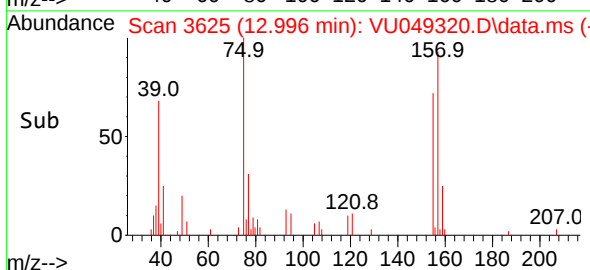
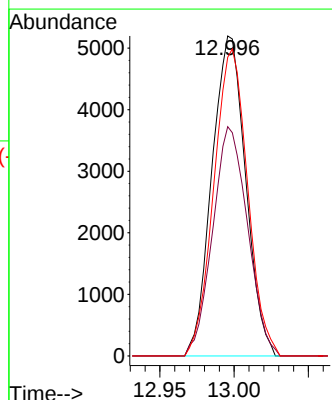
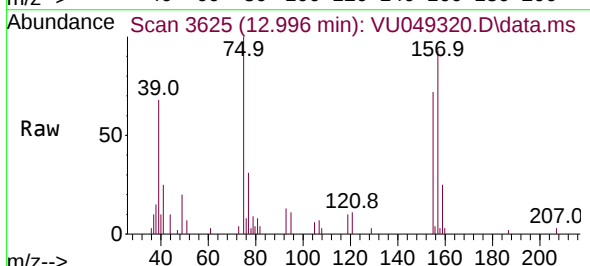
Tgt Ion: 75 Resp: 8197

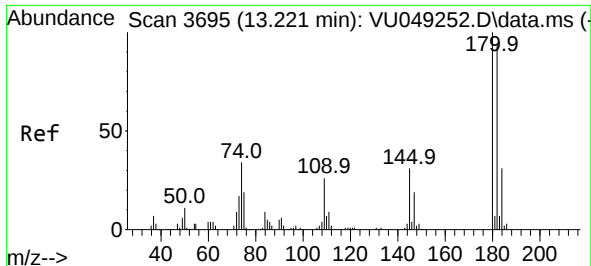
Ion Ratio Lower Upper

75 100

155 71.6 52.0 78.0

157 93.4 71.4 107.2





#69

1,3,5-Trichlorobenzene

Concen: 5.208 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. -0.003 min

Lab File: VU049320.D

Acq: 21 Jun 2022 11:41

Instrument :

MSVOA_U

ClientSampleId :

VSTD005122

Tgt Ion:180 Resp: 77273

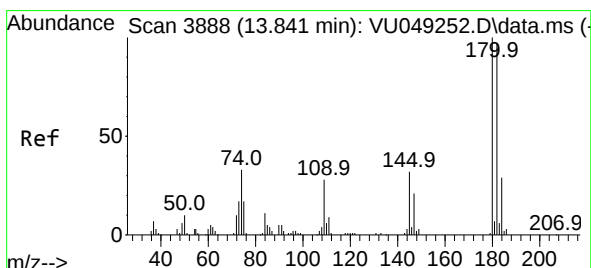
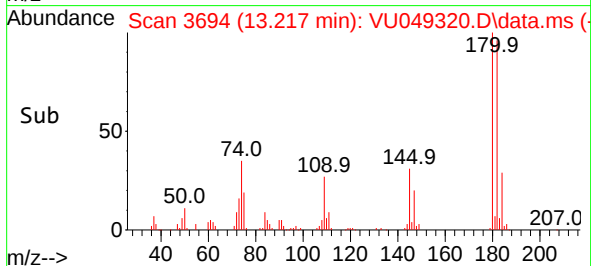
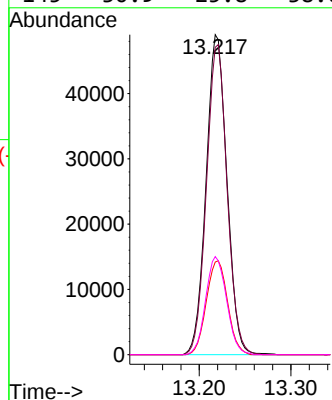
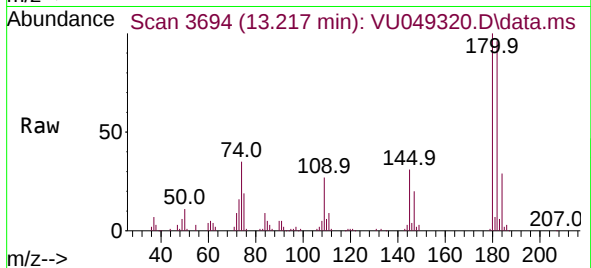
Ion Ratio Lower Upper

180 100

182 96.1 75.0 112.4

184 30.0 23.2 34.8

145 30.9 25.8 38.6



#70

1,2,4-trichlorobenzene

Concen: 5.631 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU049320.D

Acq: 21 Jun 2022 11:41

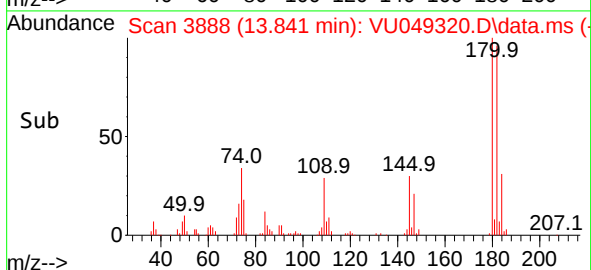
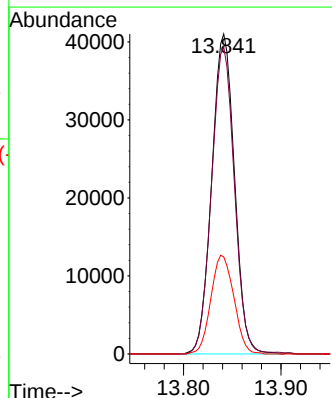
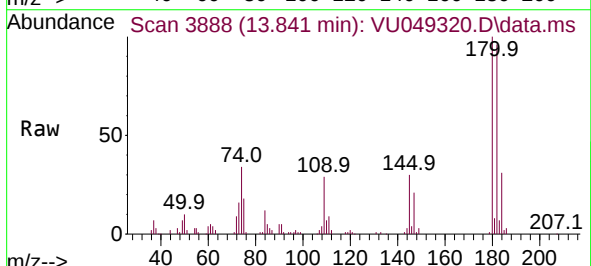
Tgt Ion:180 Resp: 66418

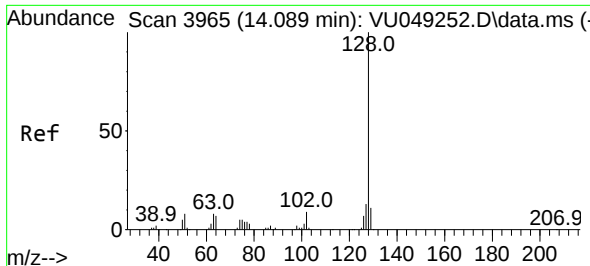
Ion Ratio Lower Upper

180 100

182 96.5 74.6 112.0

145 31.2 26.1 39.1

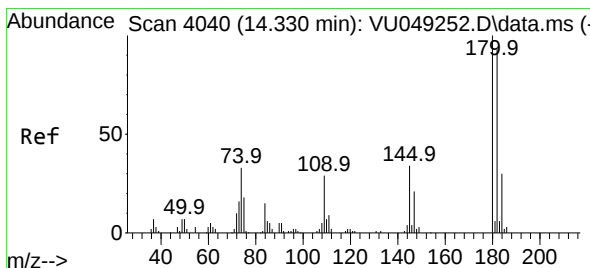
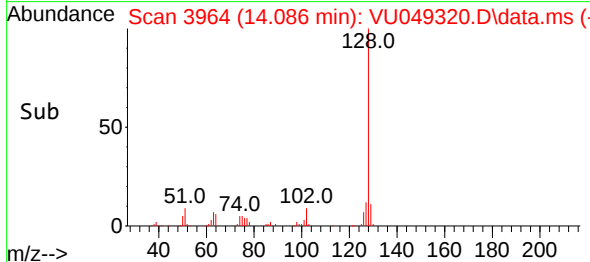
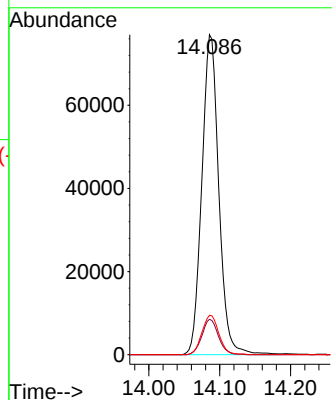
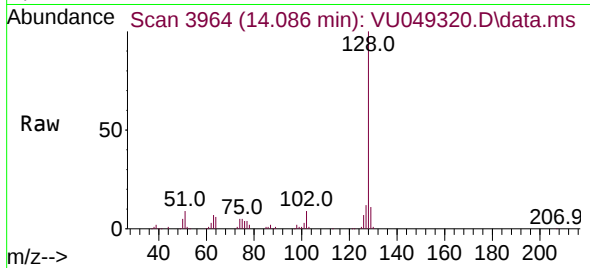




#71
Naphthalene
Concen: 5.460 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD005122

Tgt Ion:128 Resp: 127972
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 12.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.407 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049320.D
Acq: 21 Jun 2022 11:41

Tgt Ion:180 Resp: 59962
Ion Ratio Lower Upper
180 100
182 97.8 75.6 113.4
145 33.0 27.9 41.9

